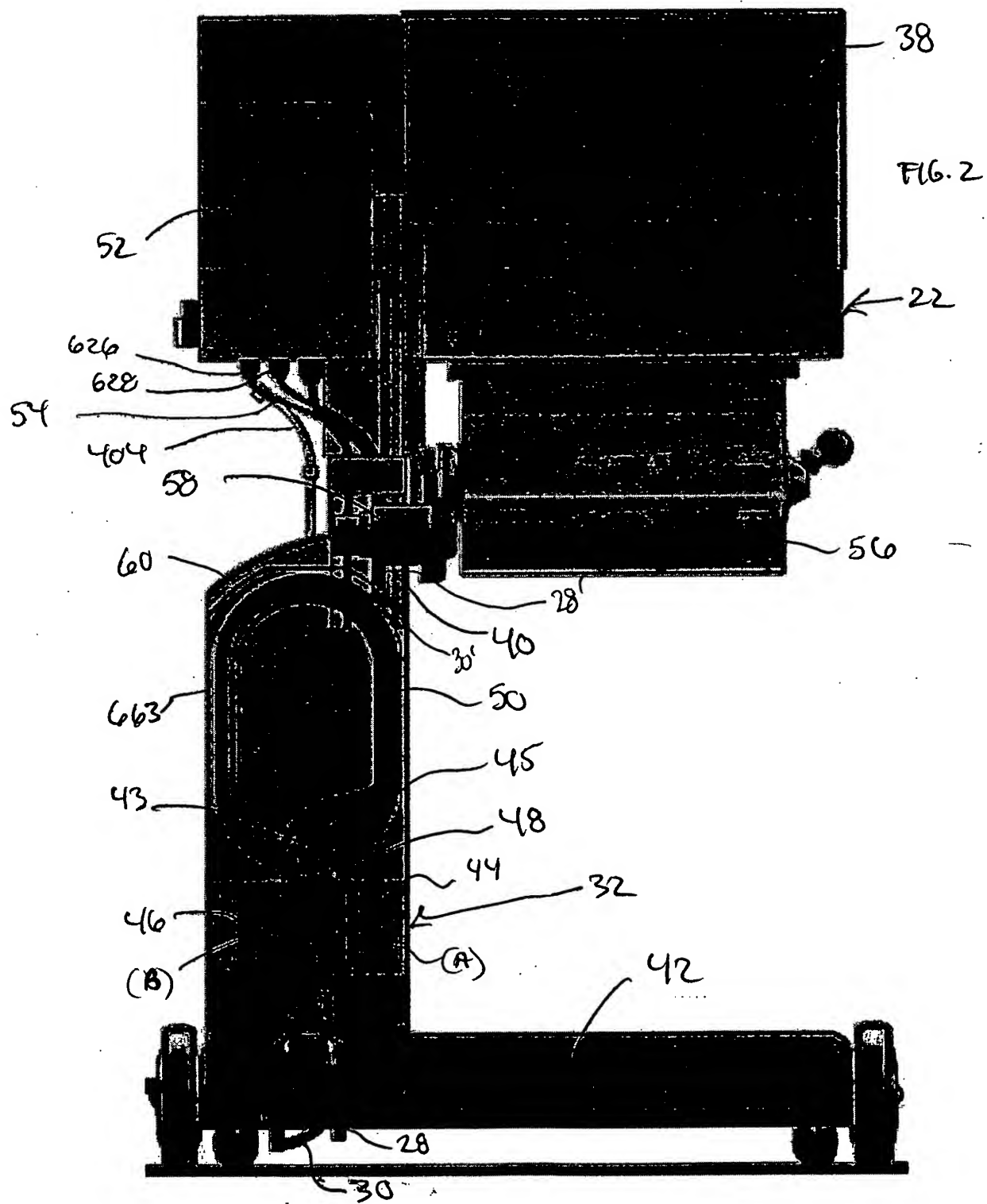


FIG. 1



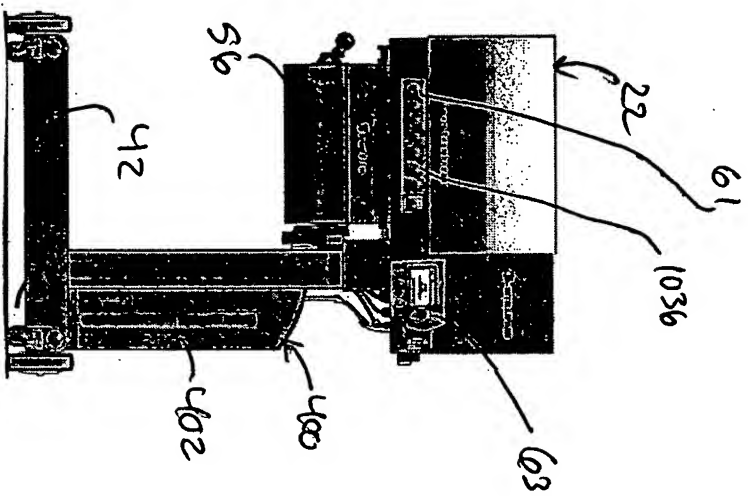
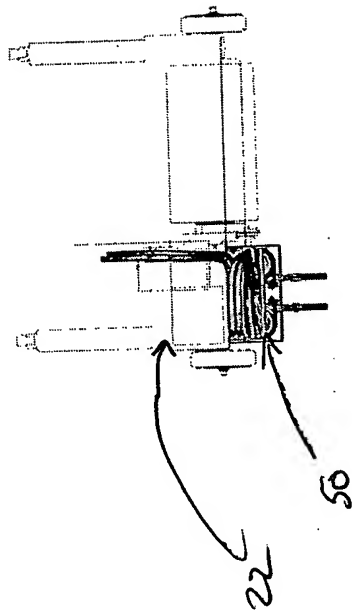


FIG. 3

FIG. 4



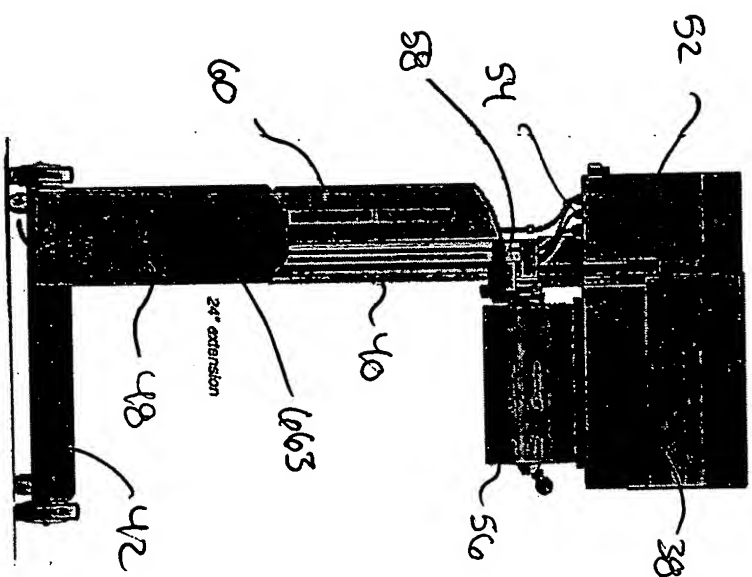


FIG. 5

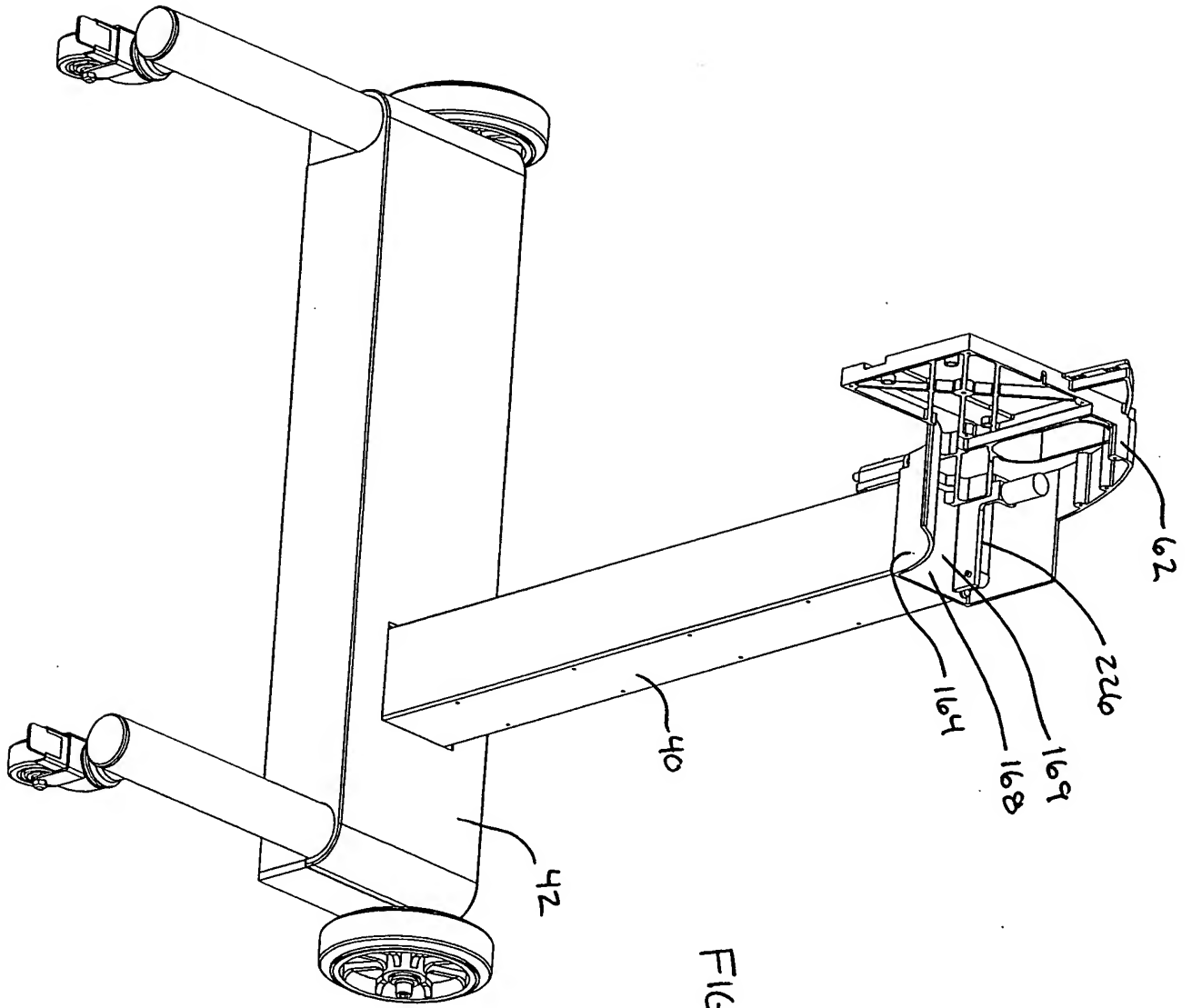


FIG. 6

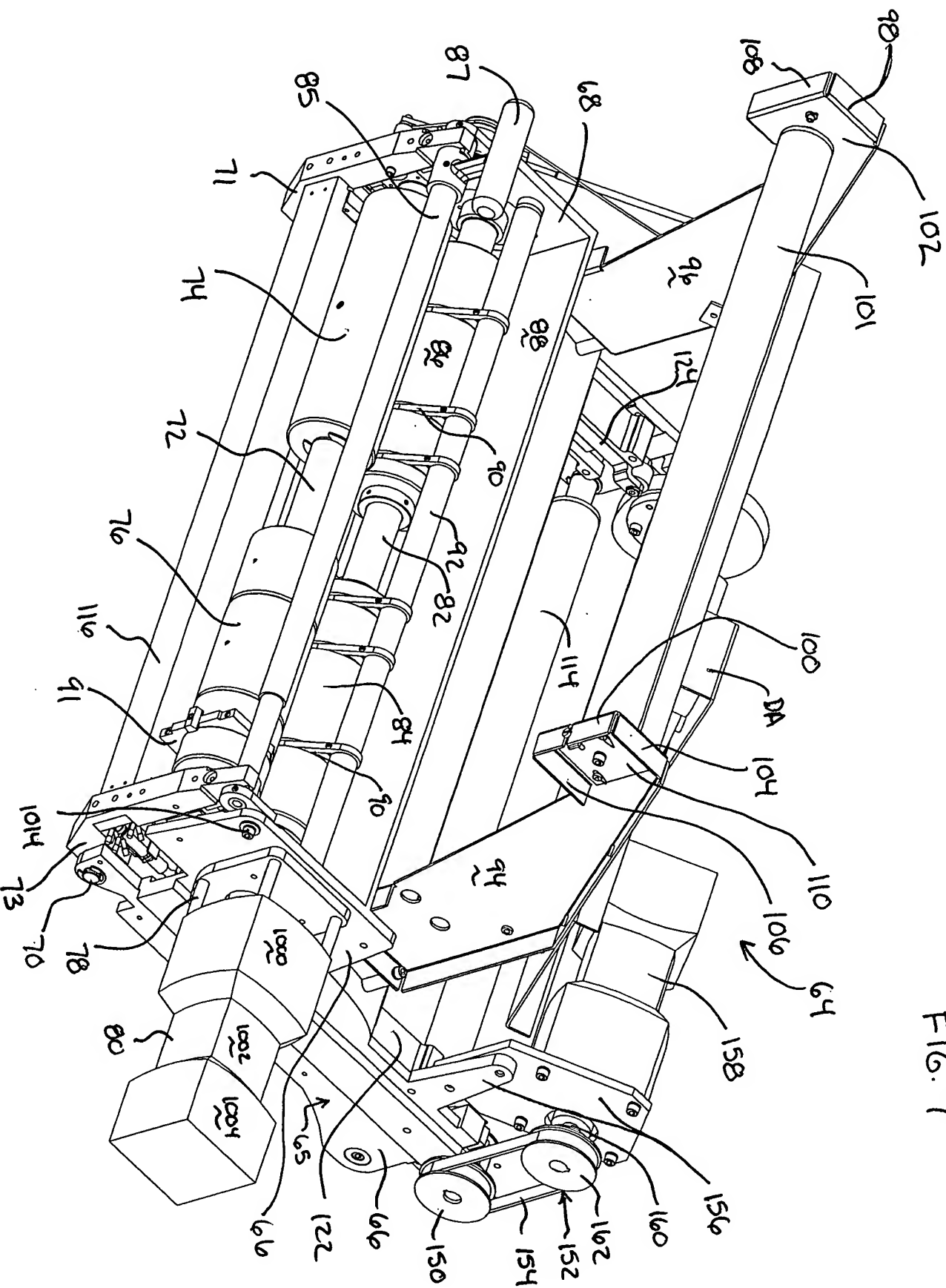


FIG. 7

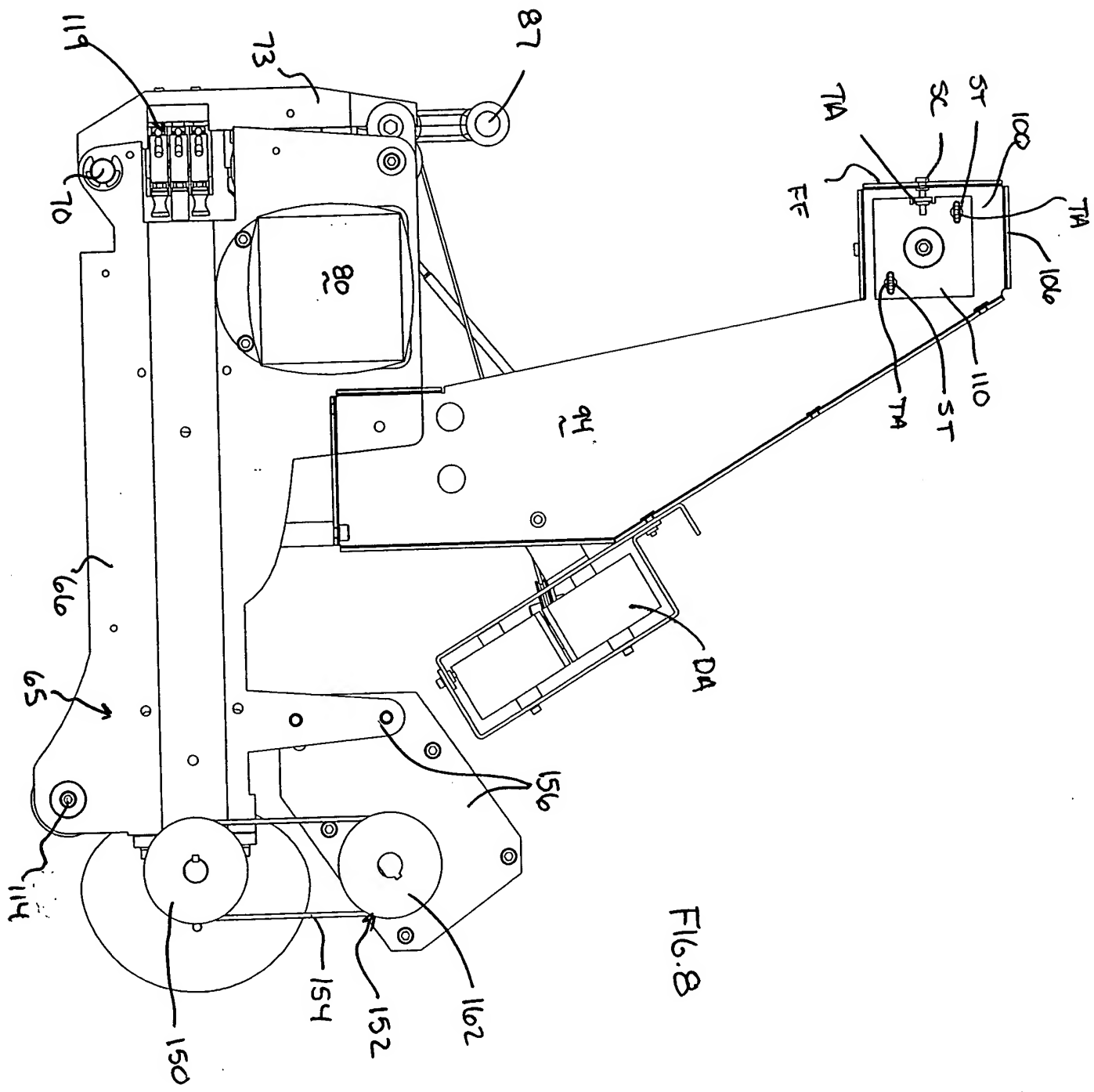


FIG. 8

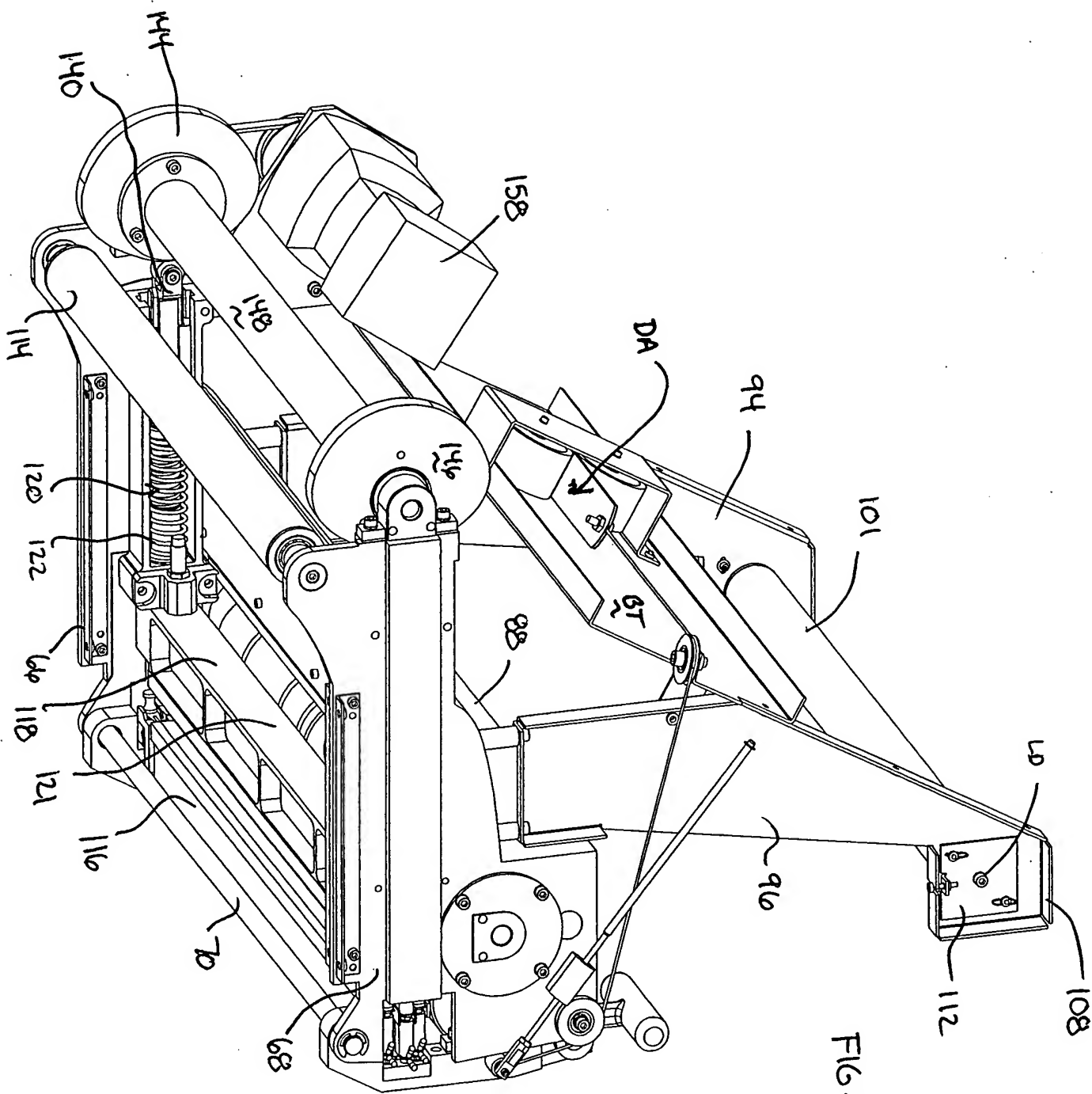


FIG. 9

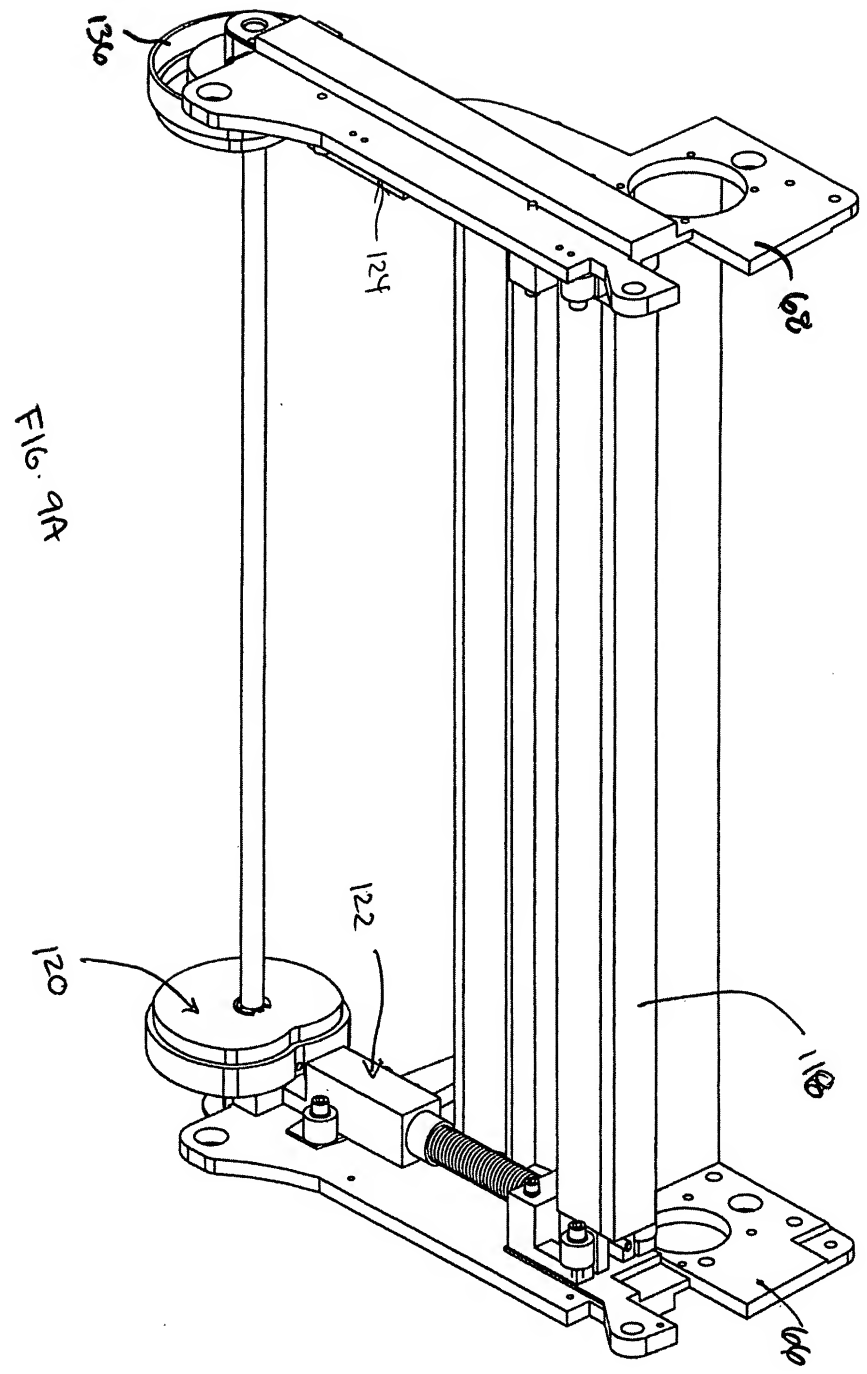
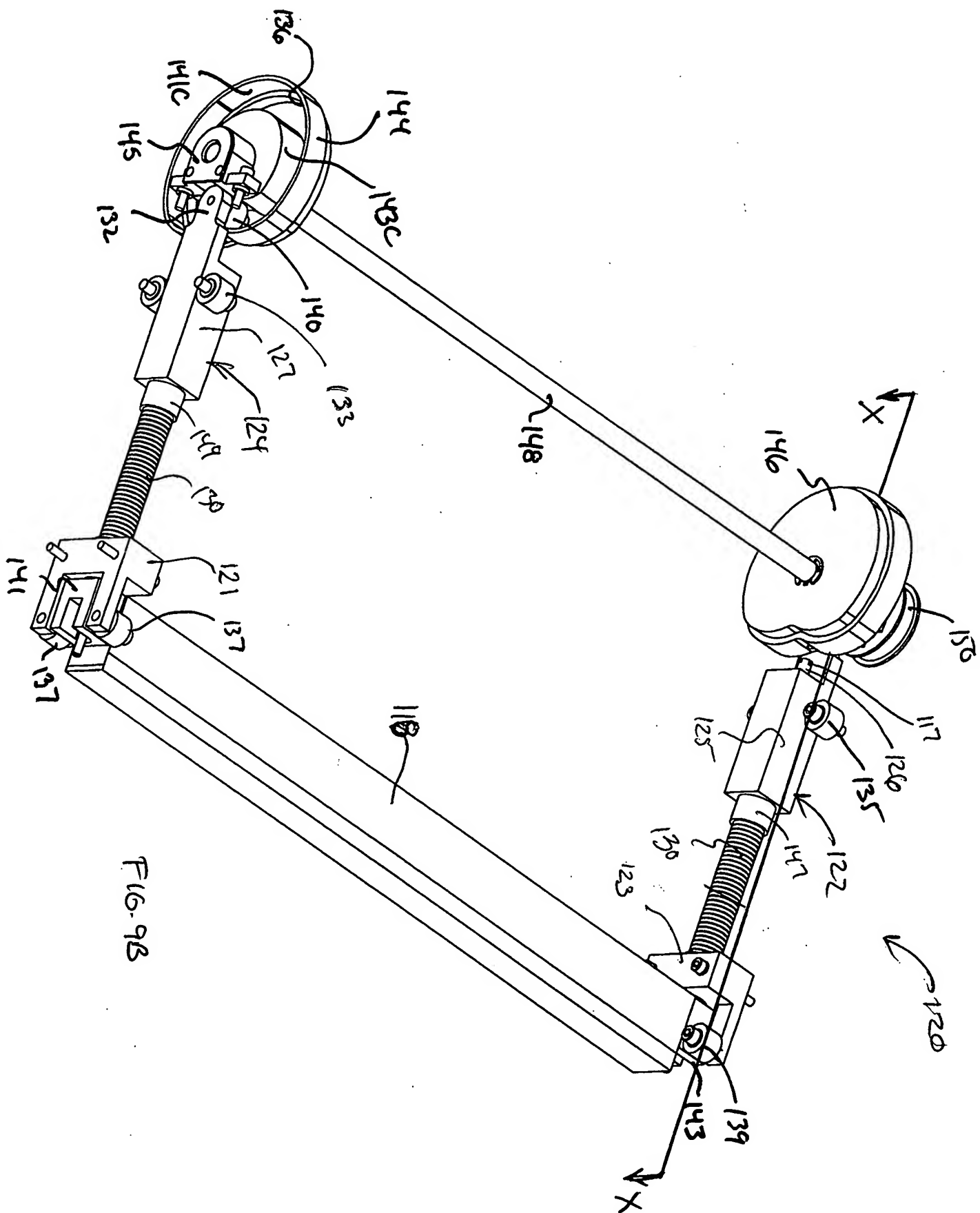


FIG. 9A



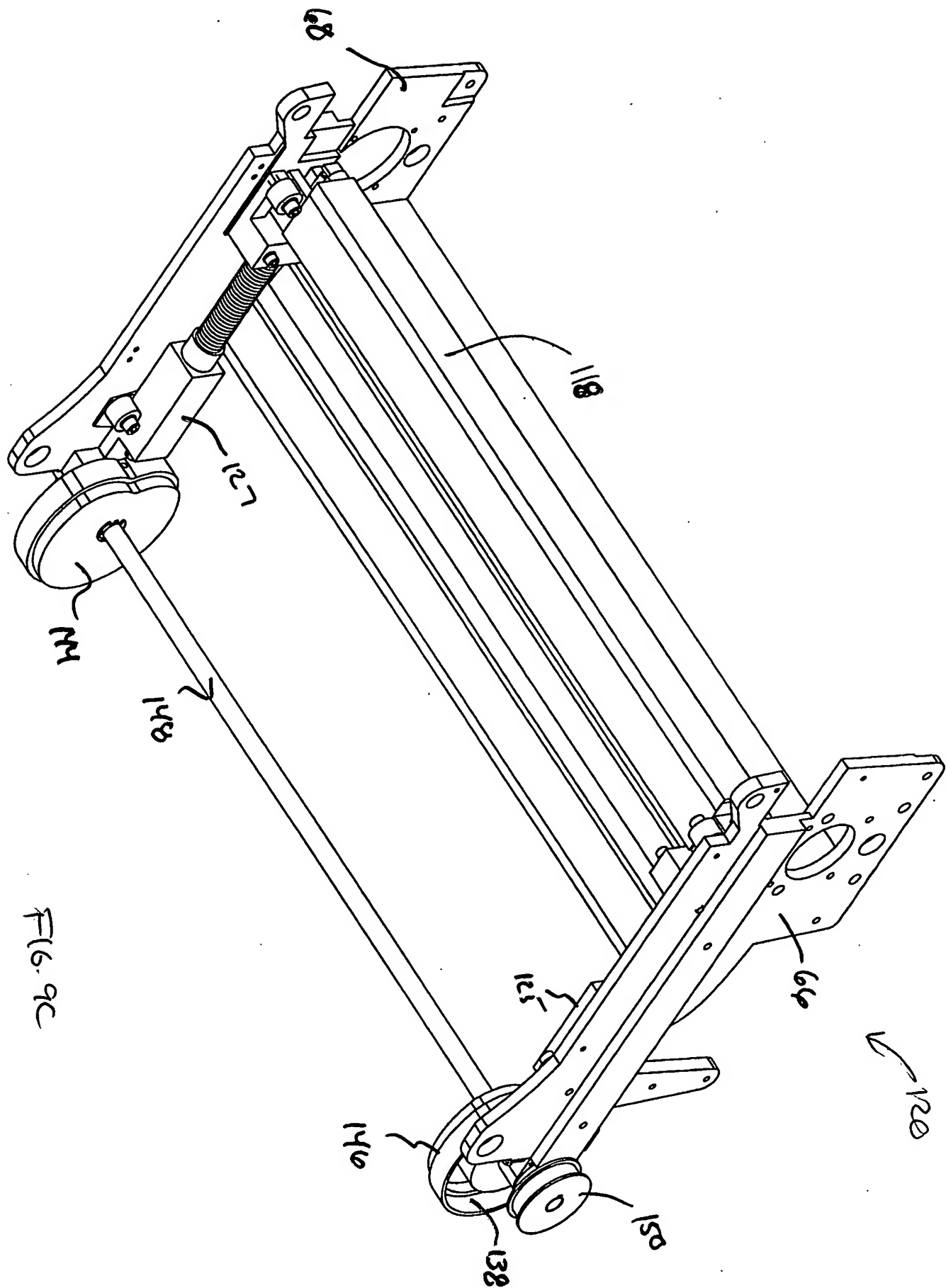


FIG. 9C

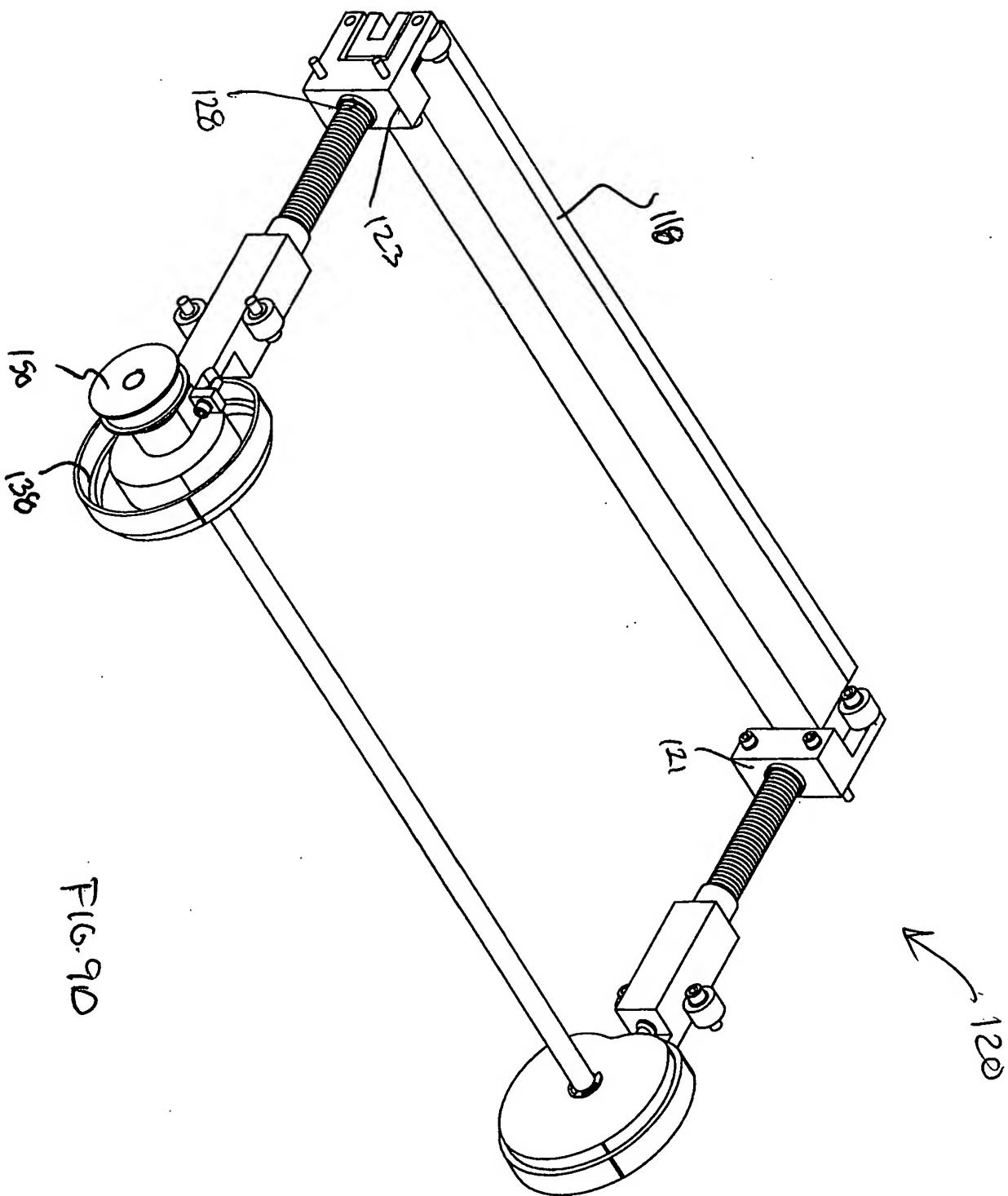
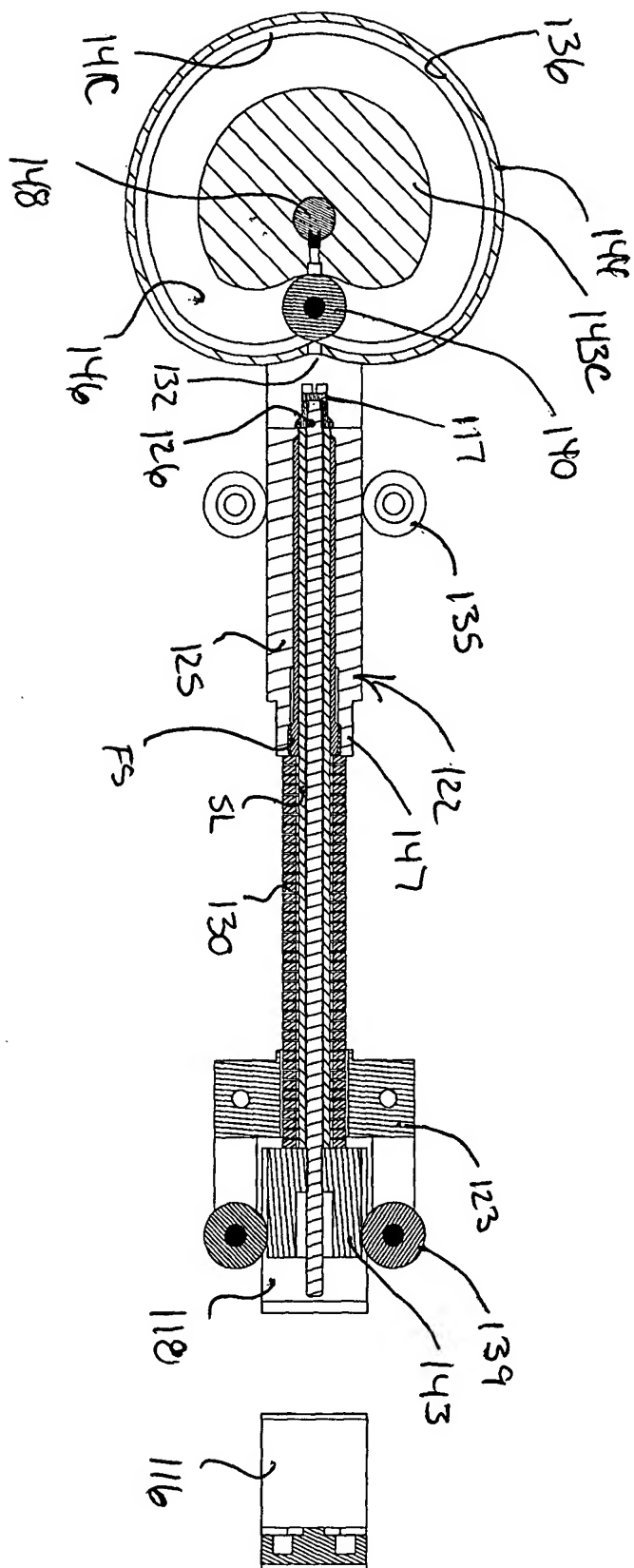


FIG. 9D

FIG. 9E



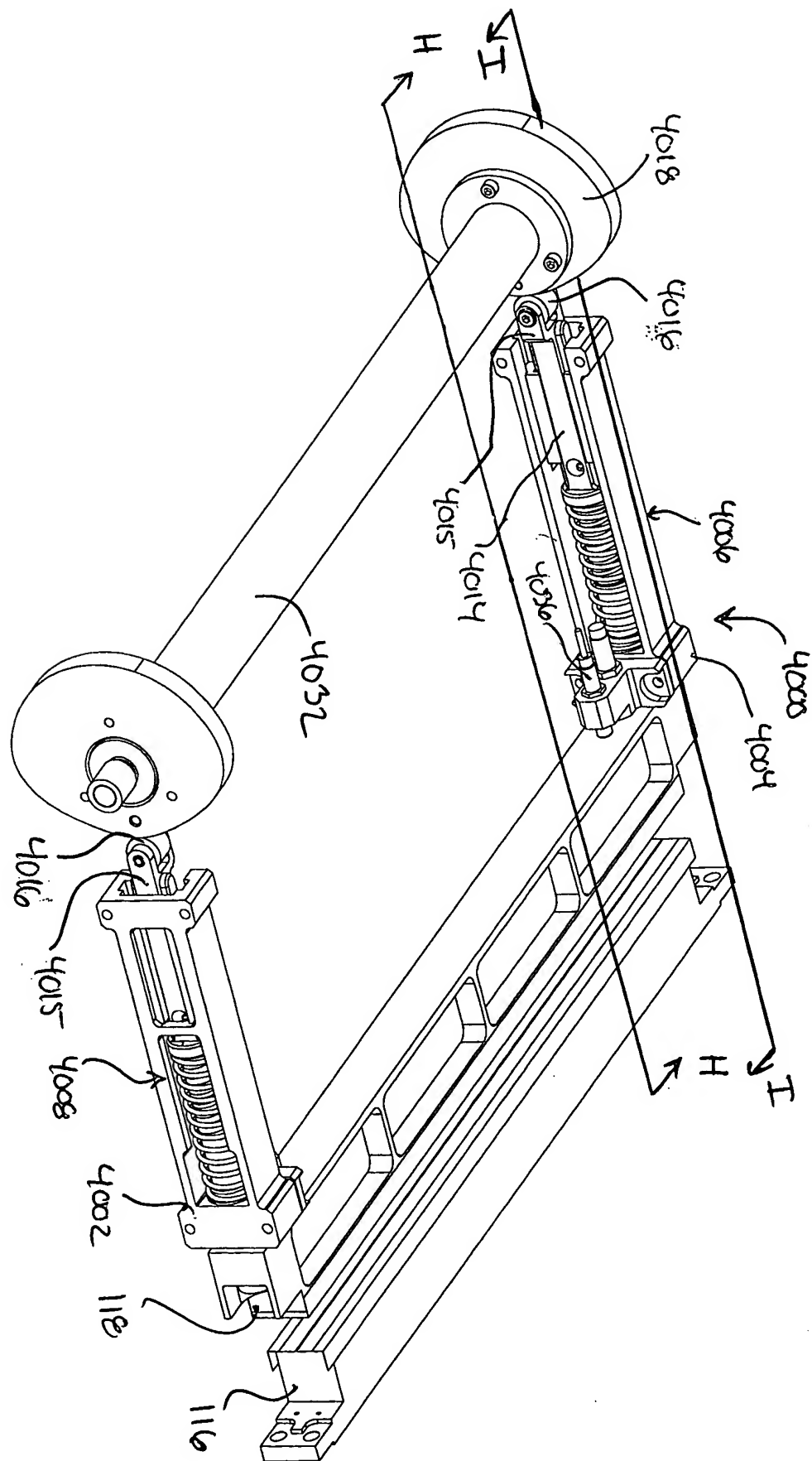
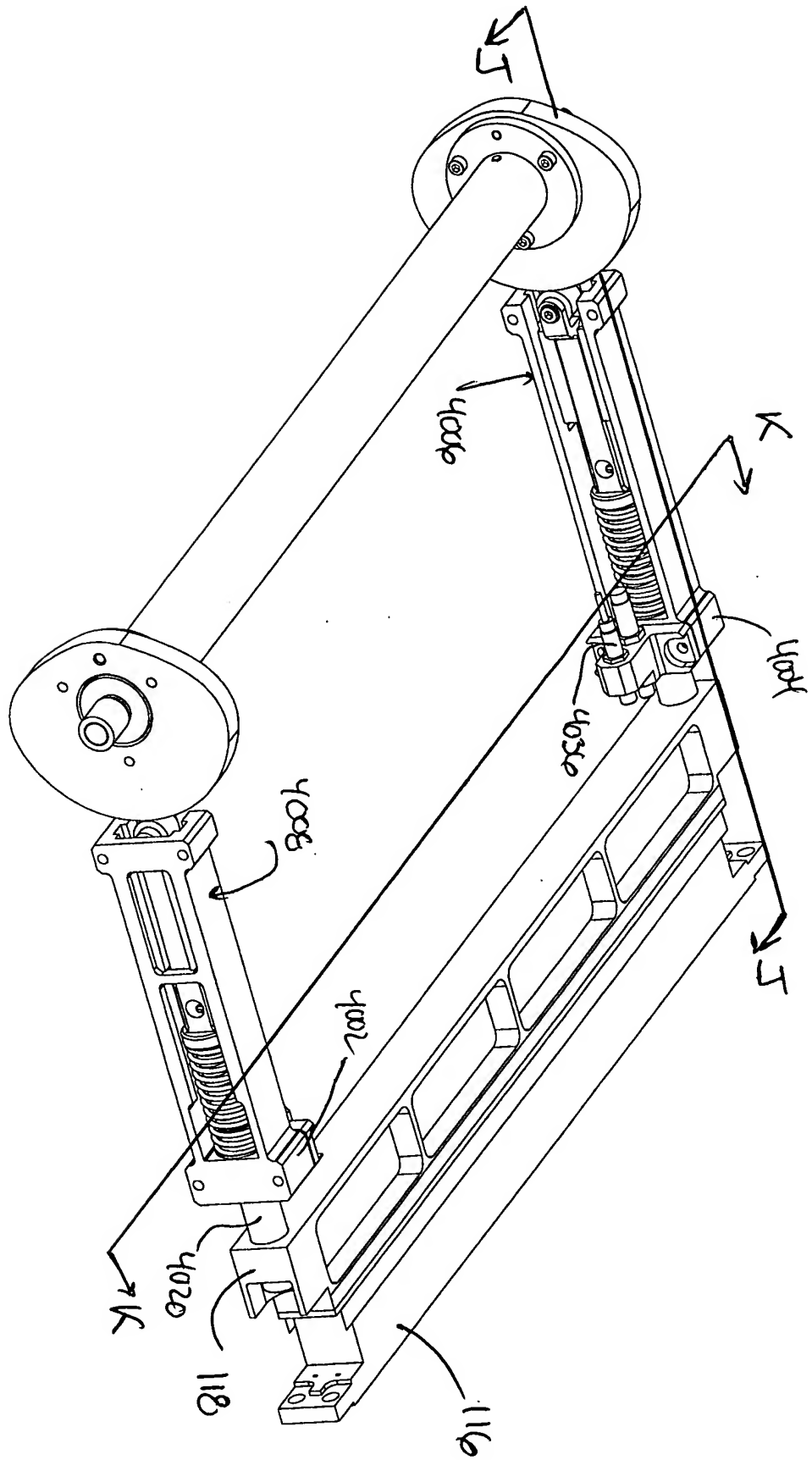


FIG. 9F

FIG. 9C



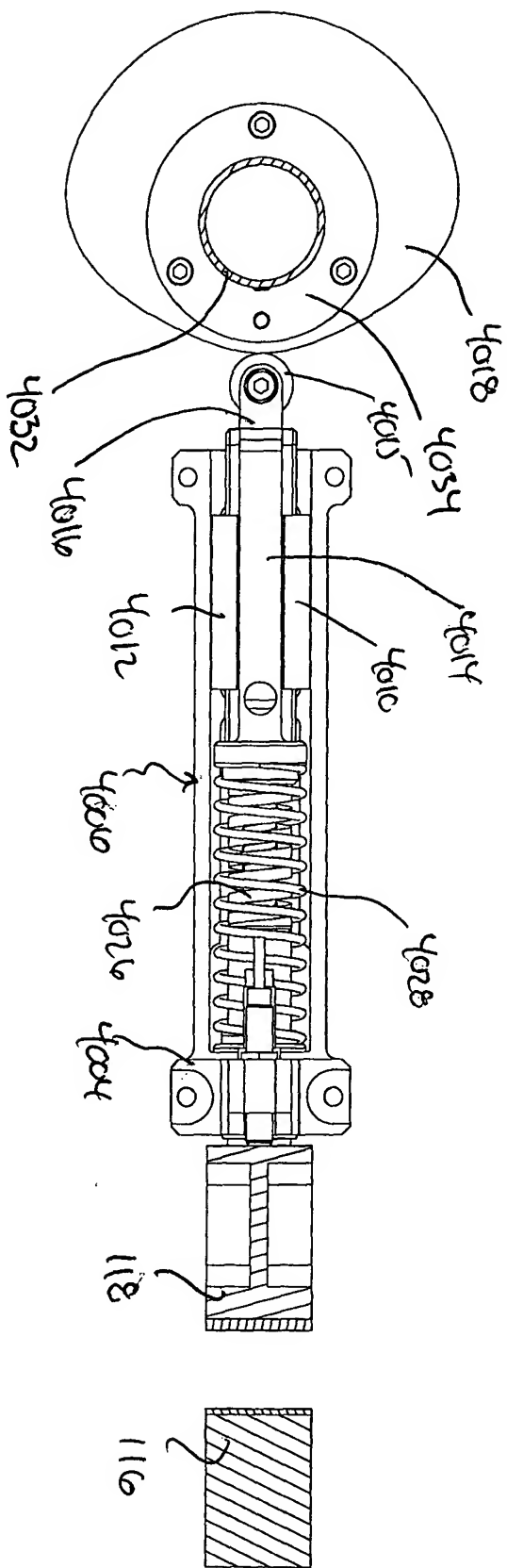


FIG. 9H

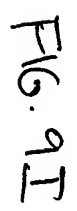


FIG. 91

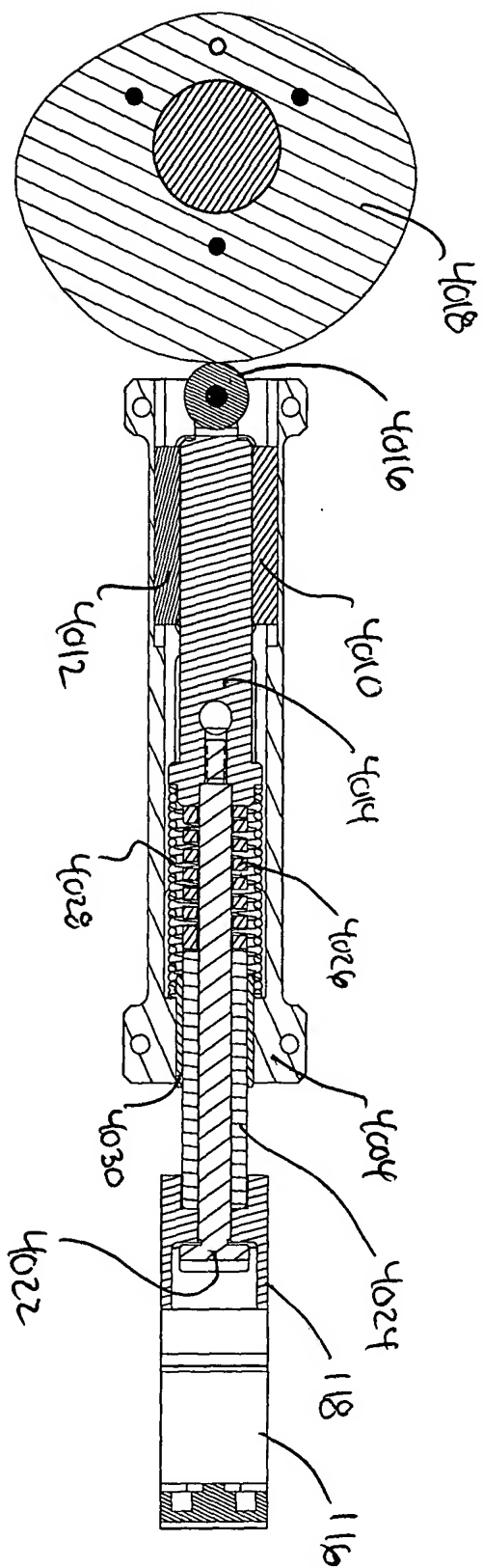
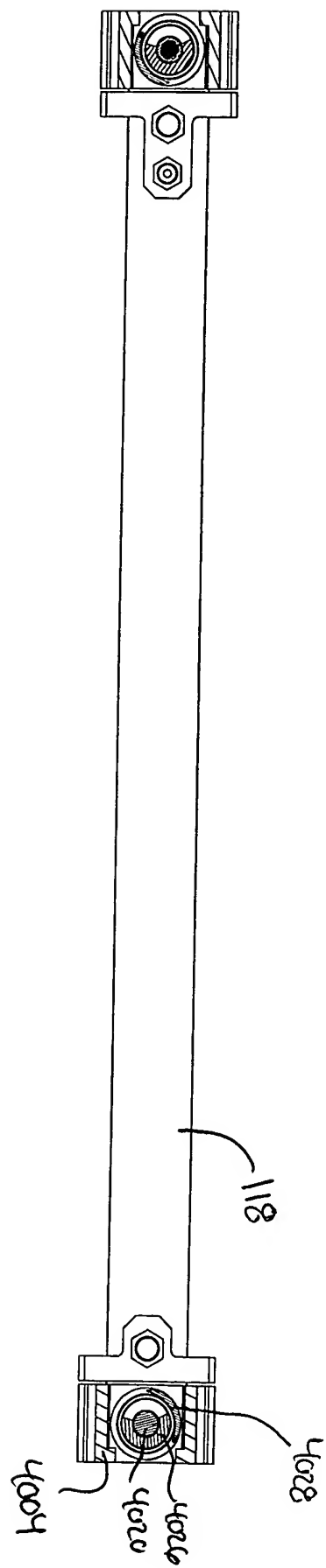


FIG. 95

FIG. 9K



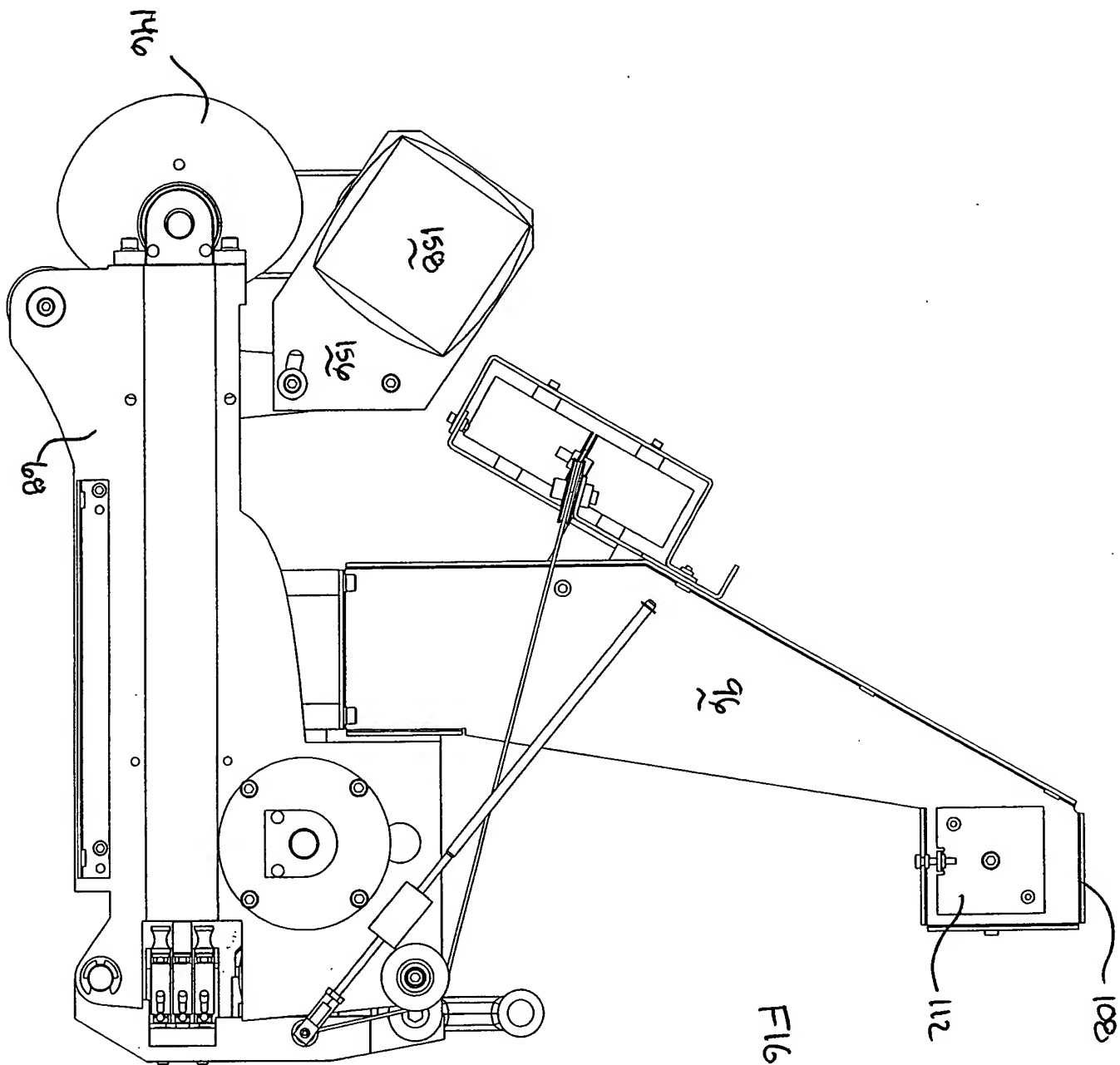
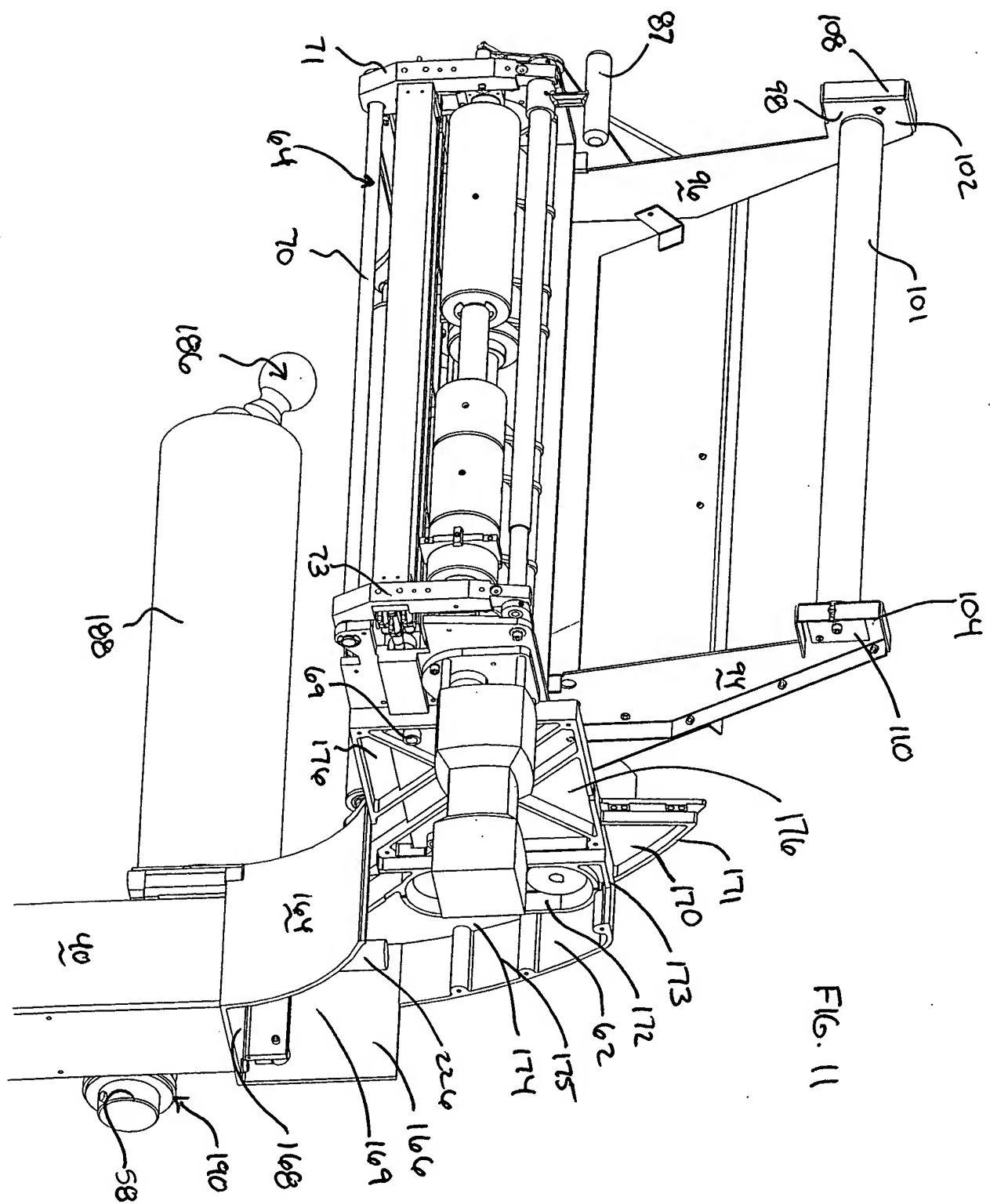
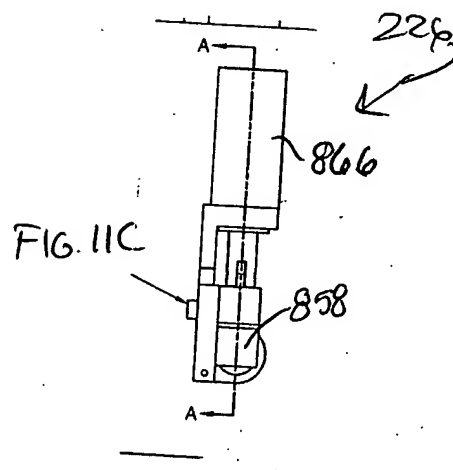
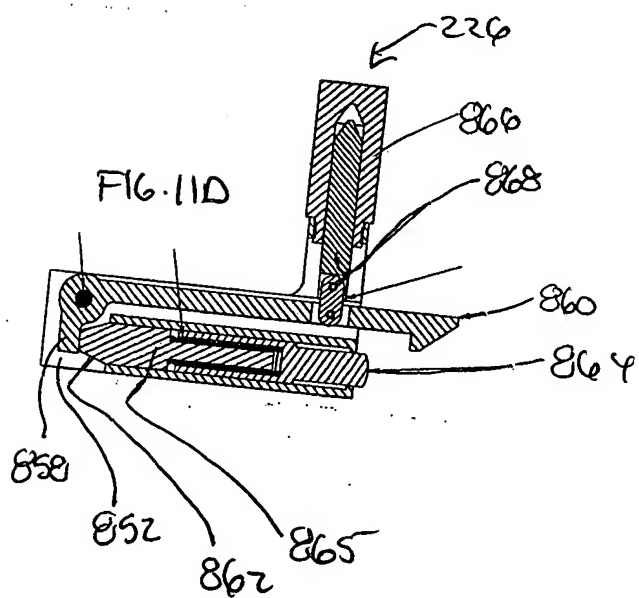
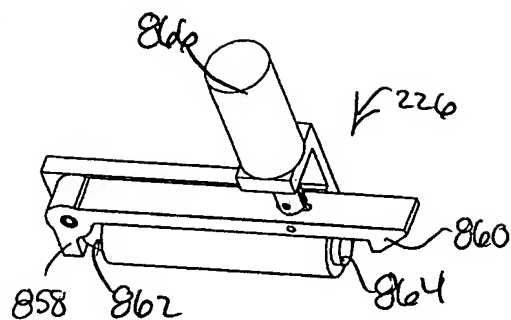
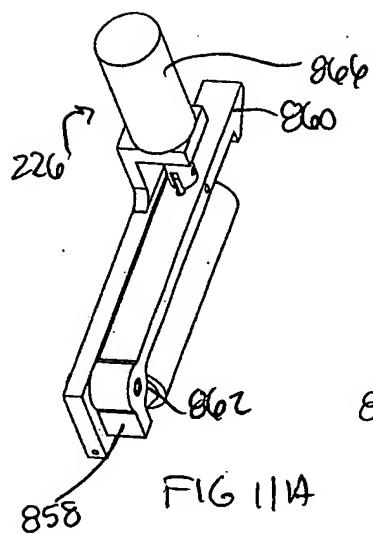
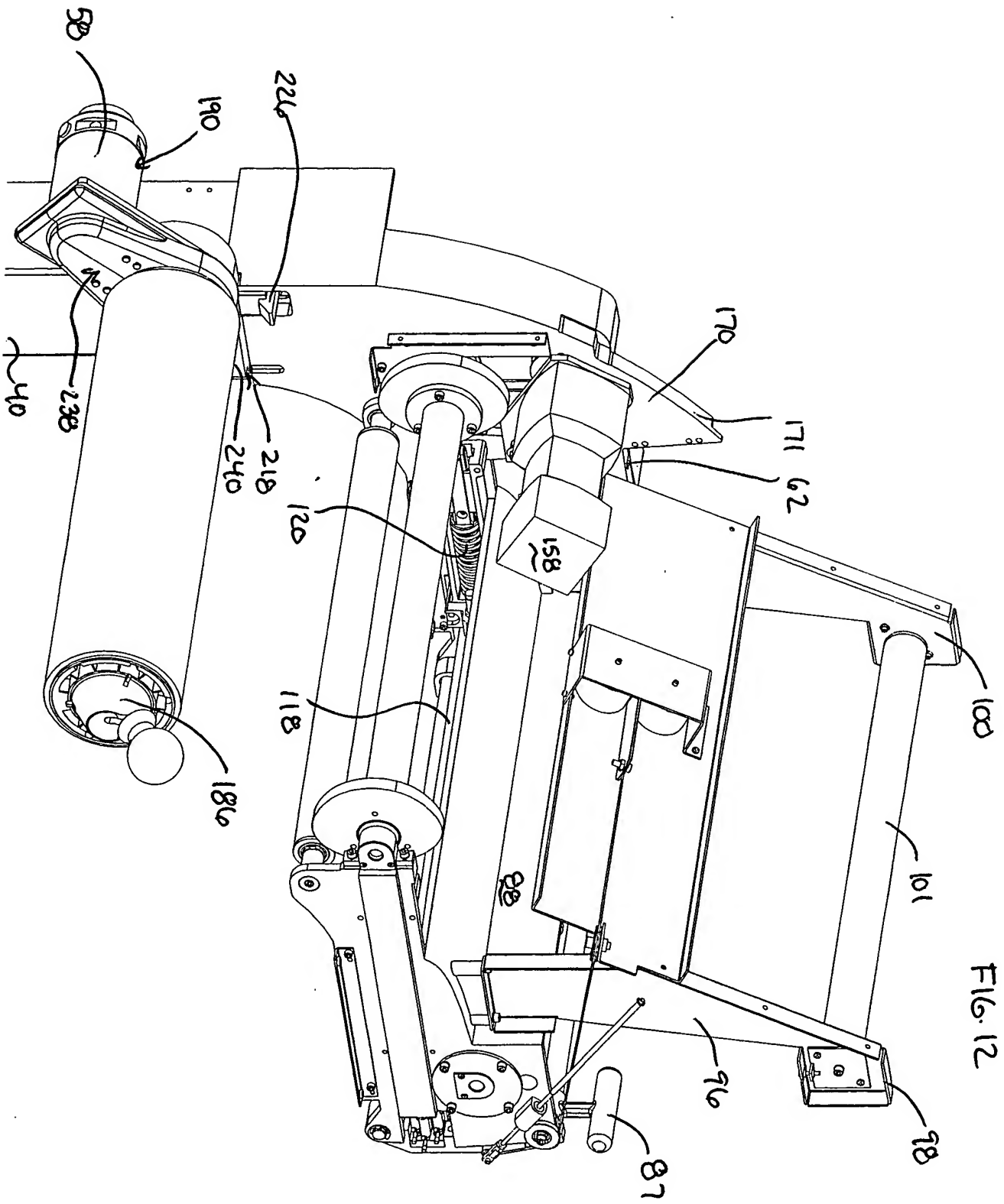


FIG. 10







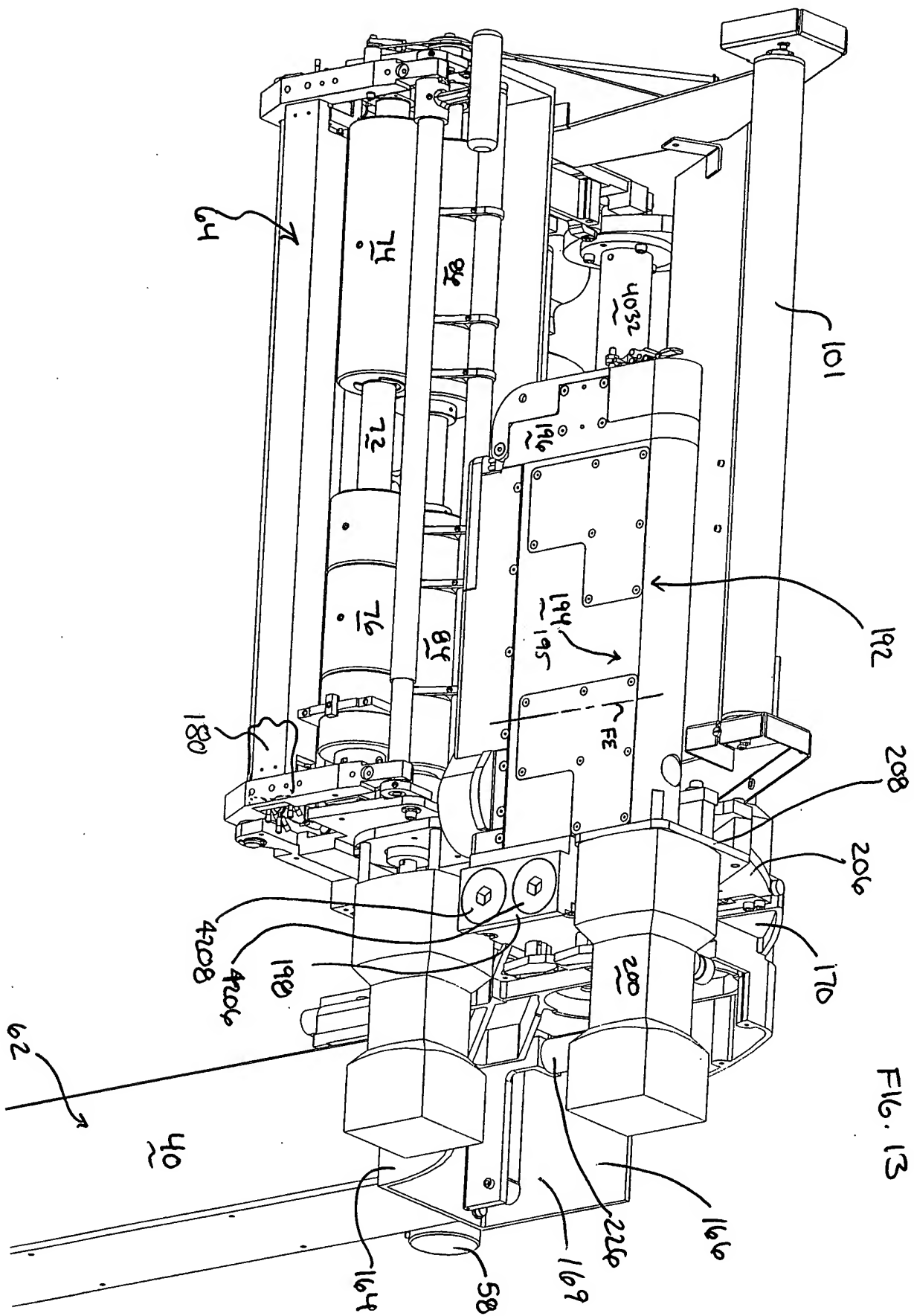
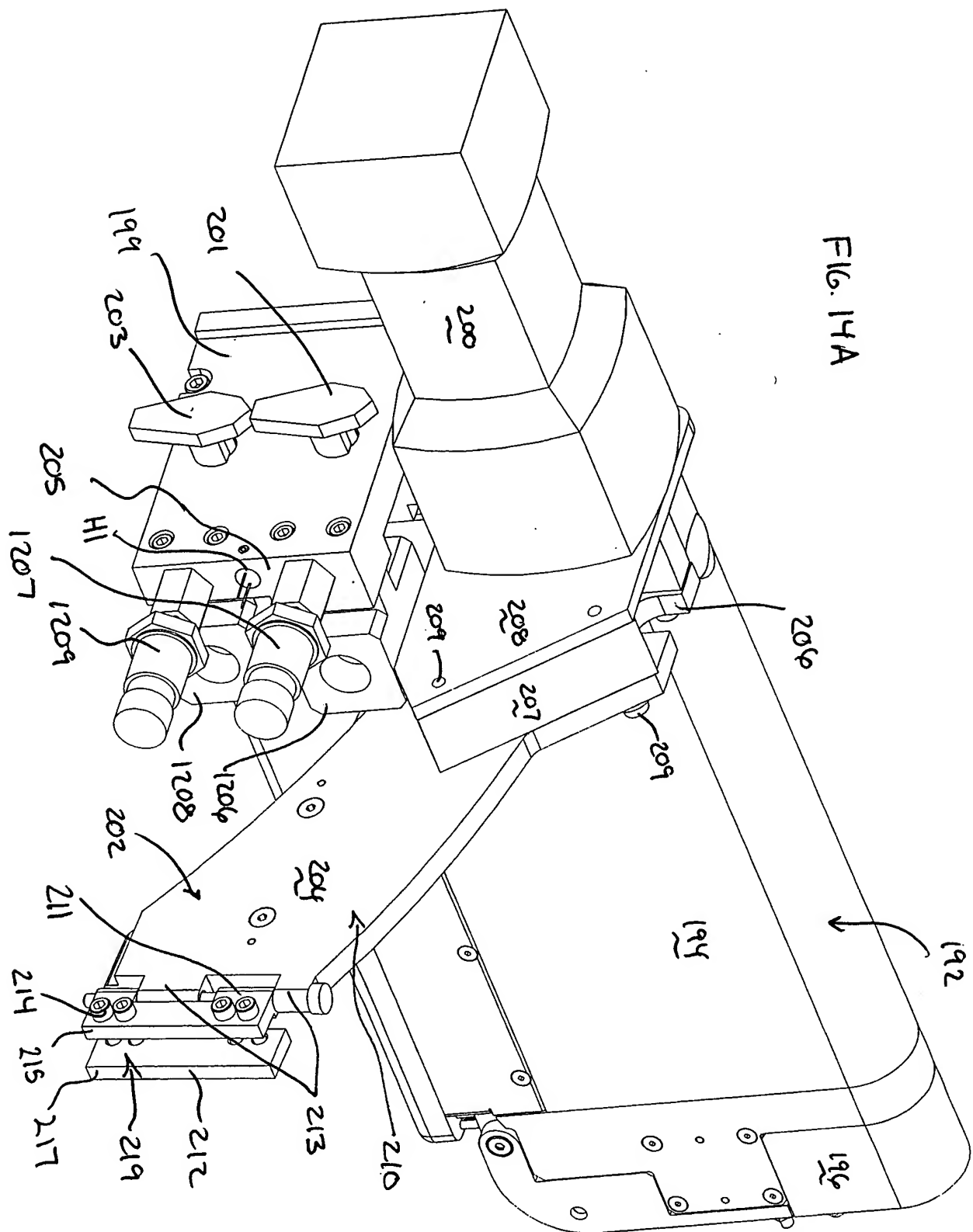
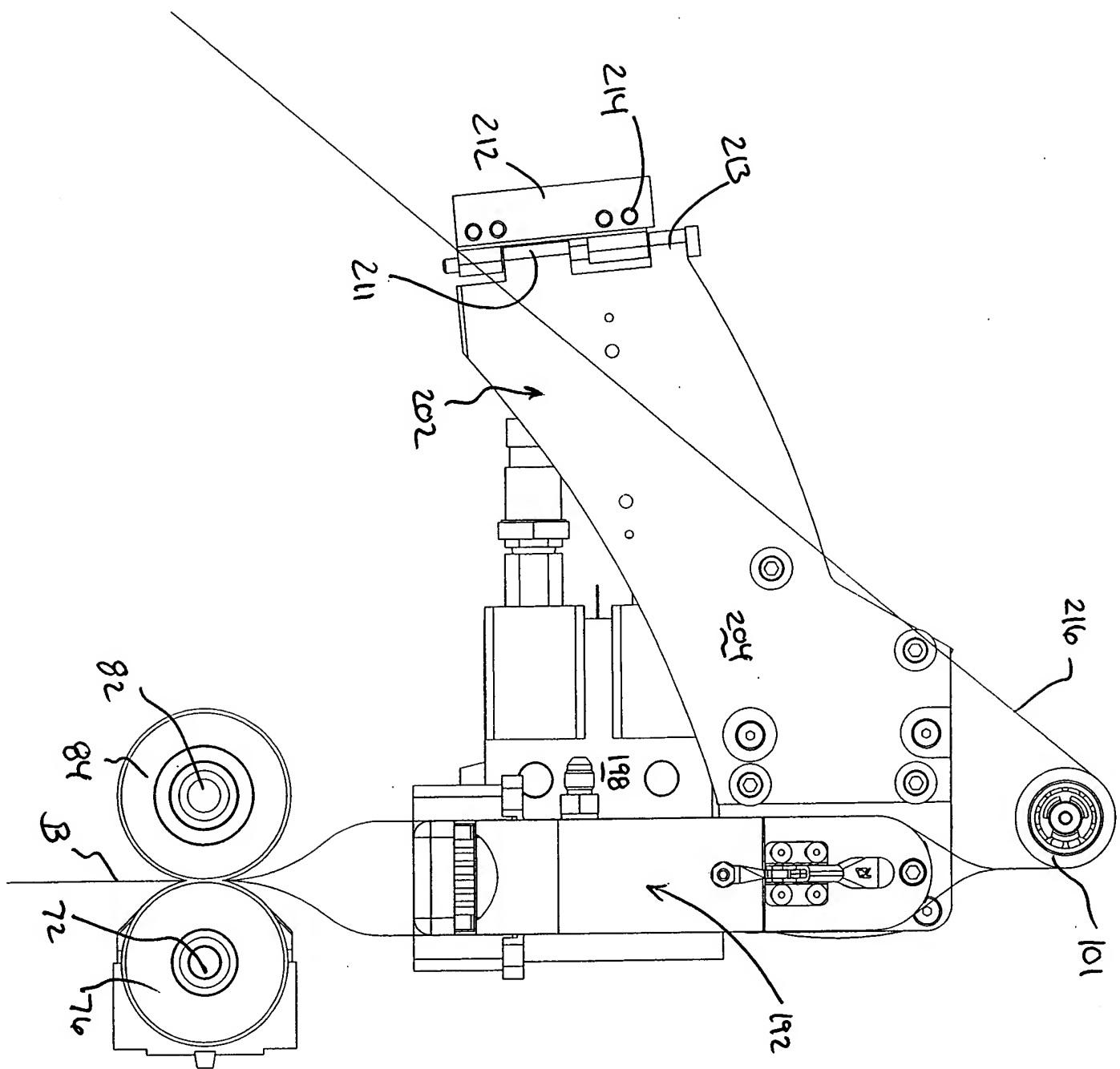


FIG. 13

FIG. 14A





F16. 14B

FIG 15A

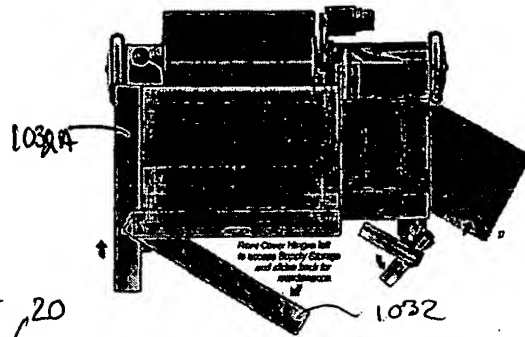


FIG. 15

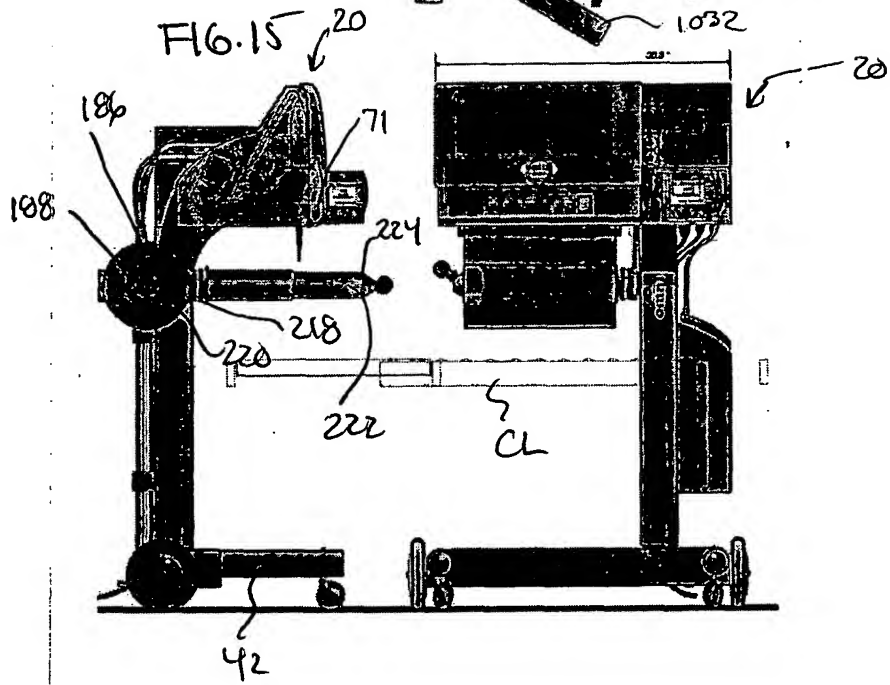
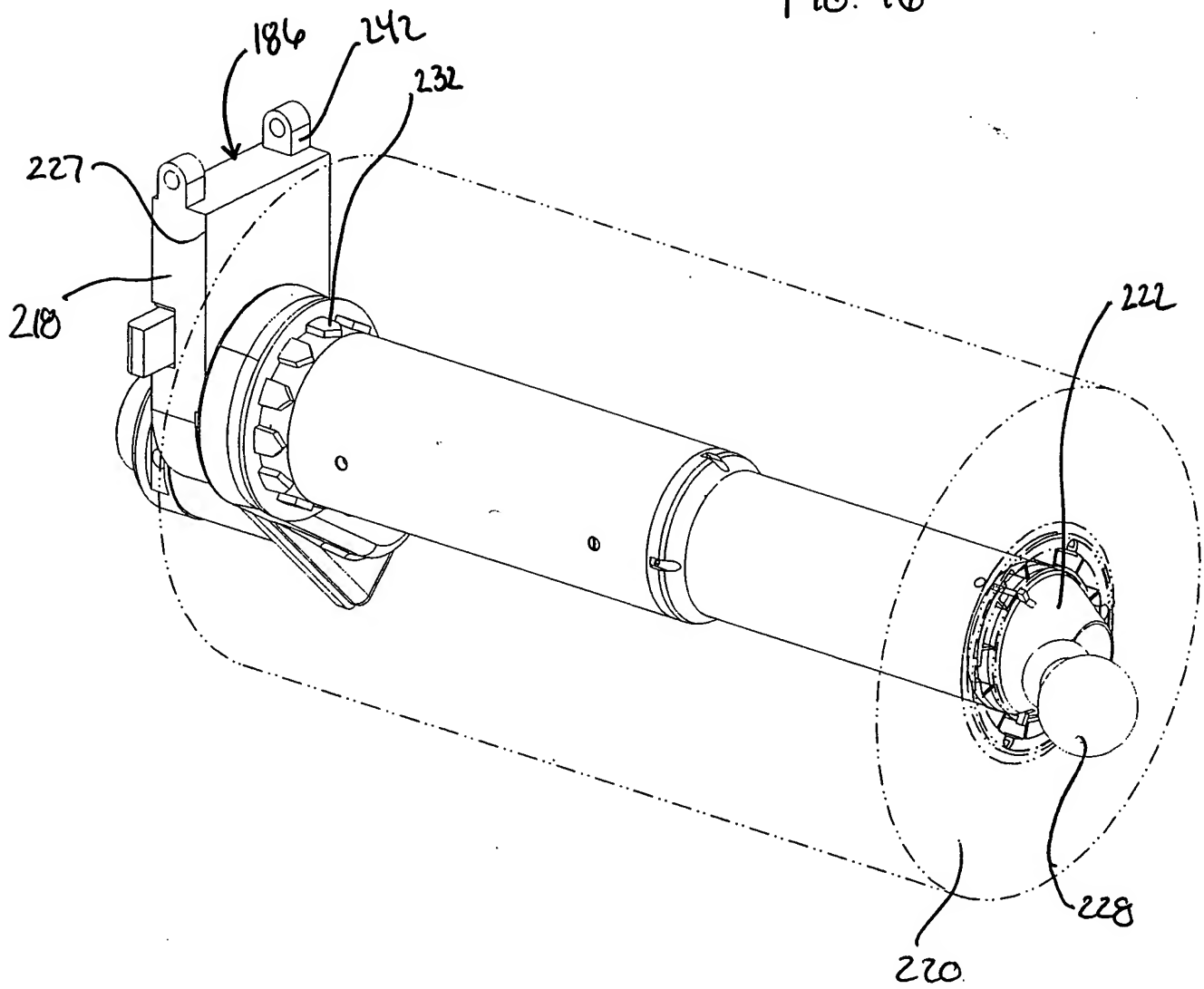


FIG-15B

FIG. 16



F16.17

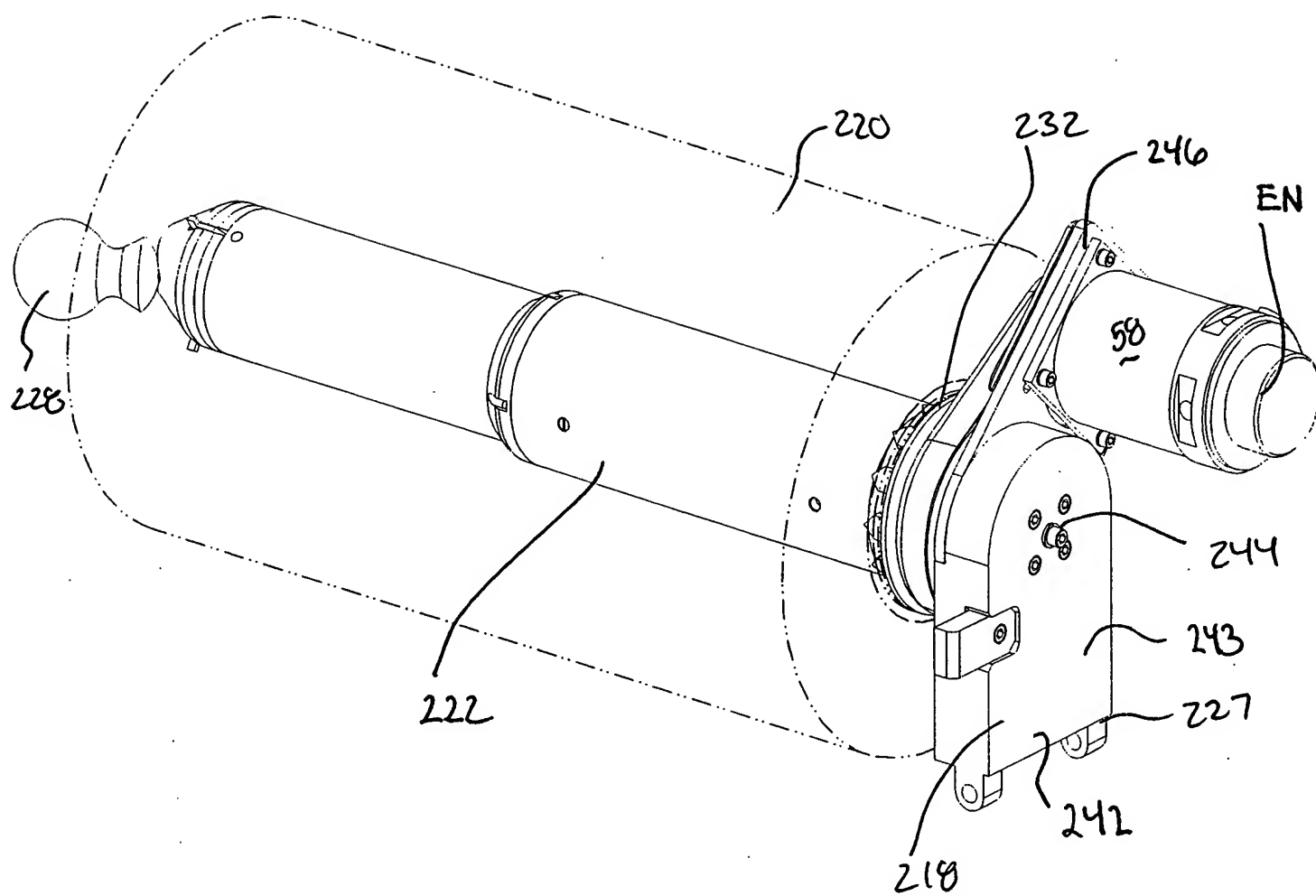
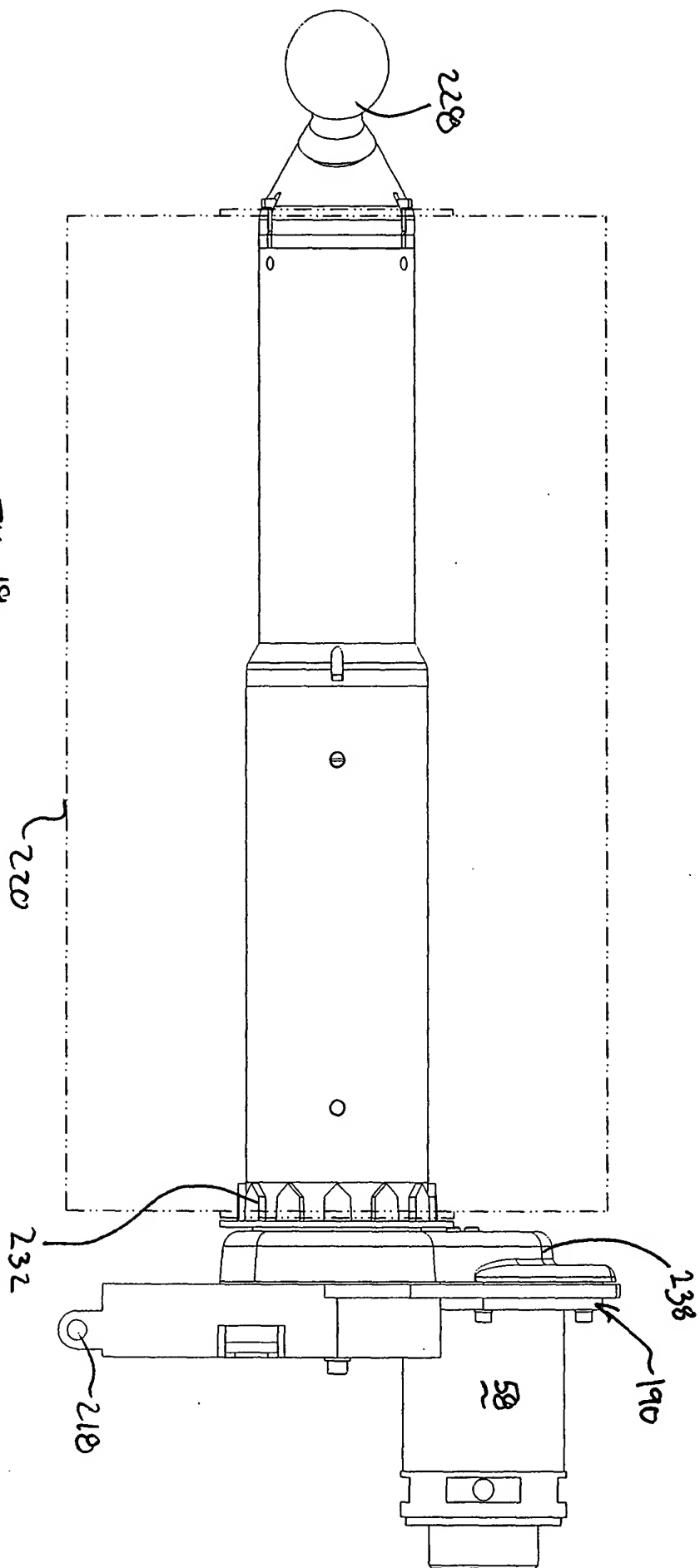


FIG. 18



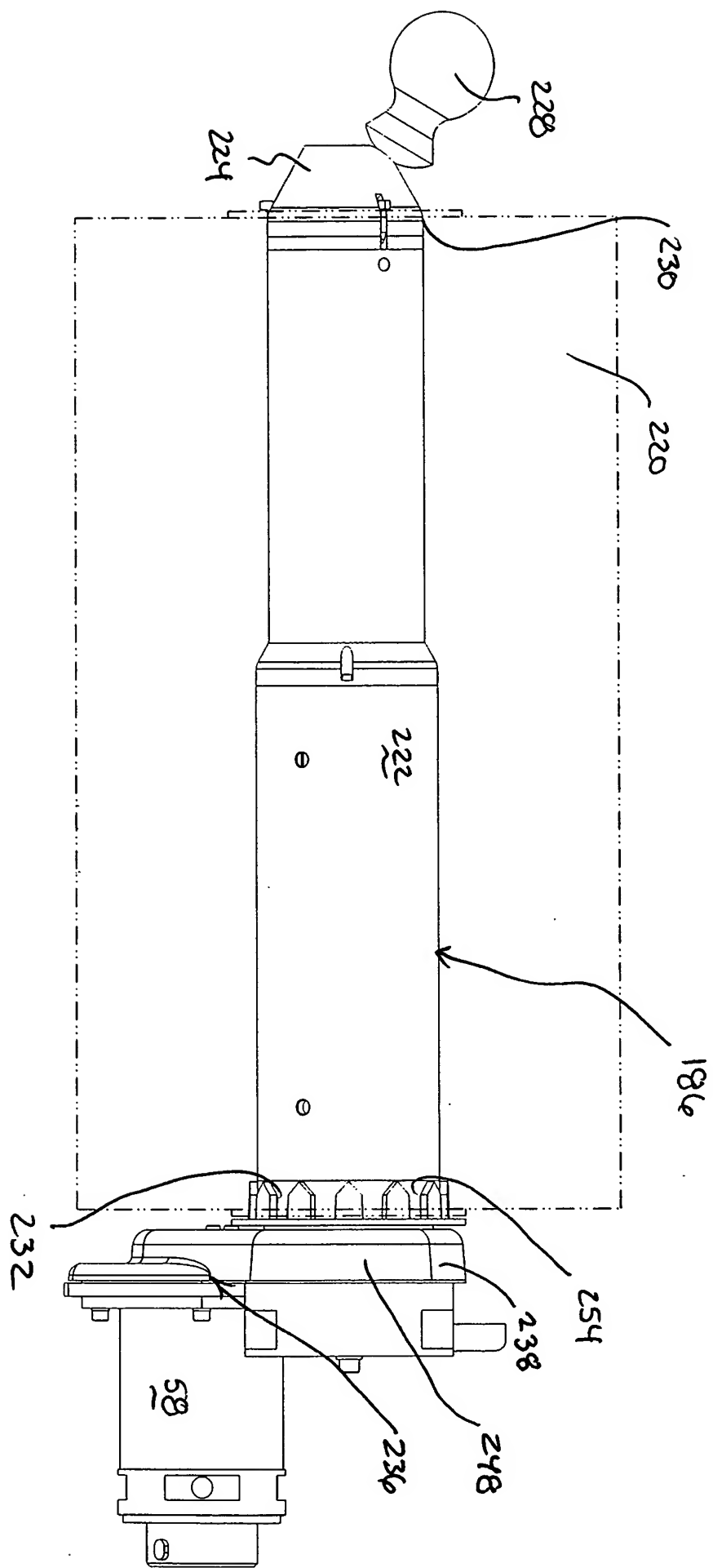
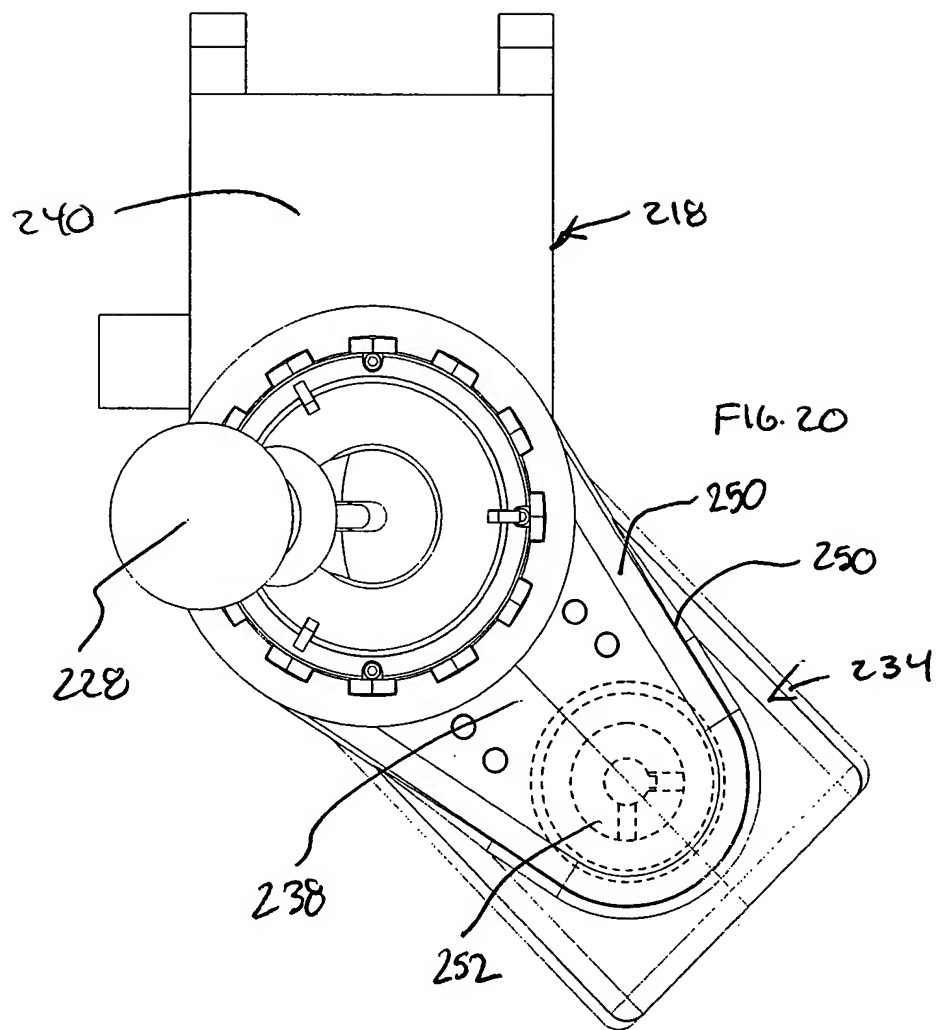
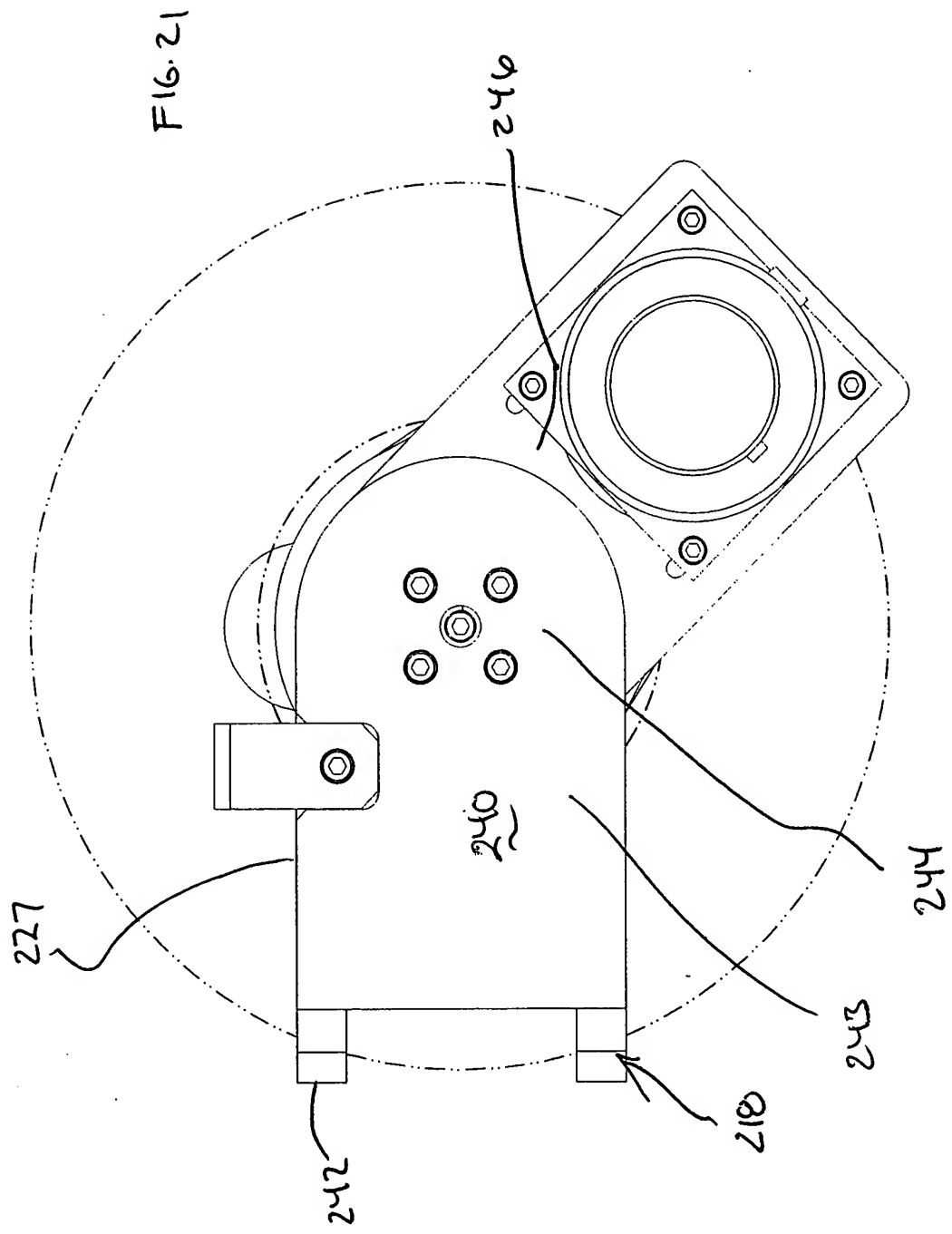


FIG. 19





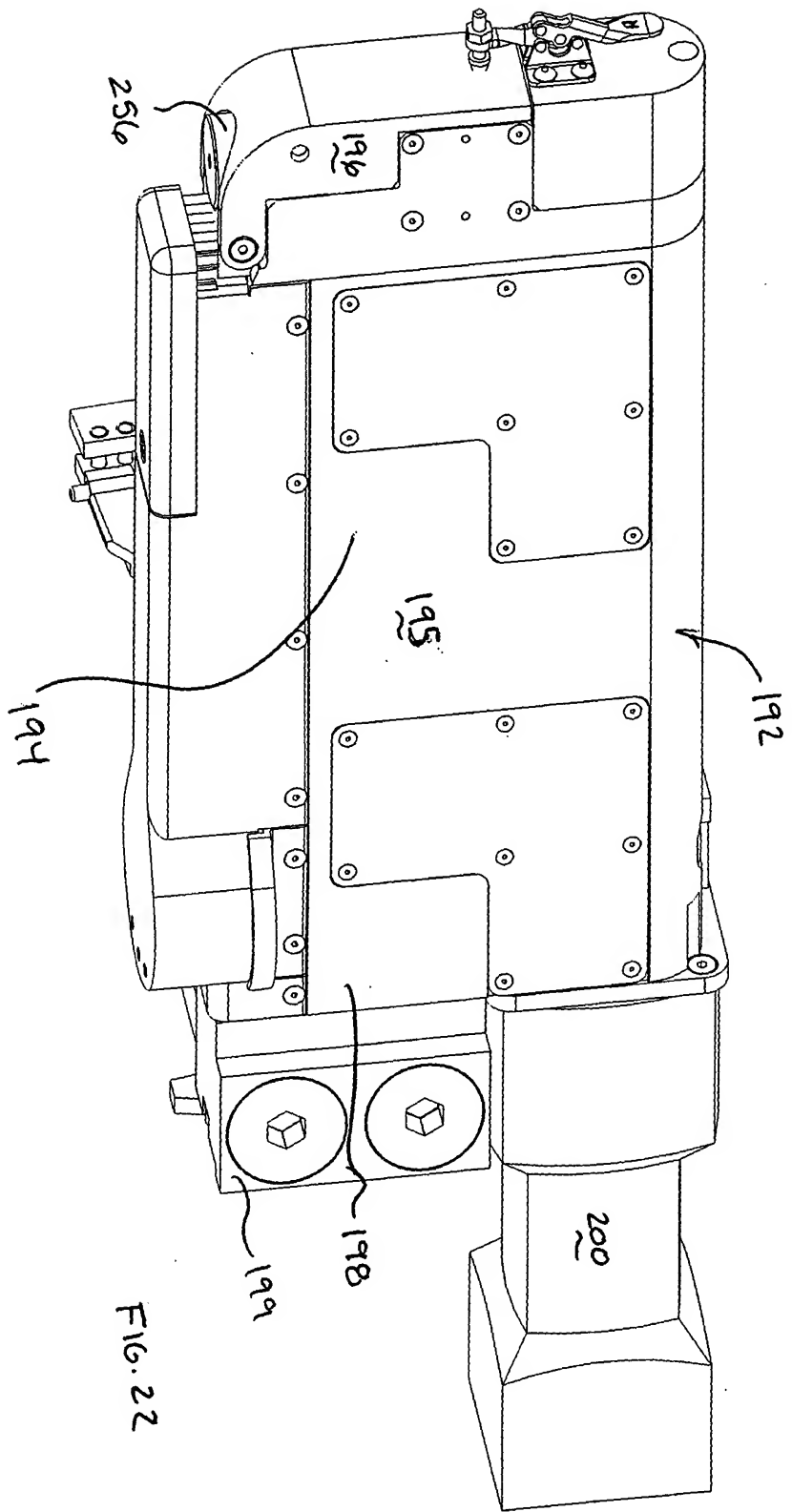
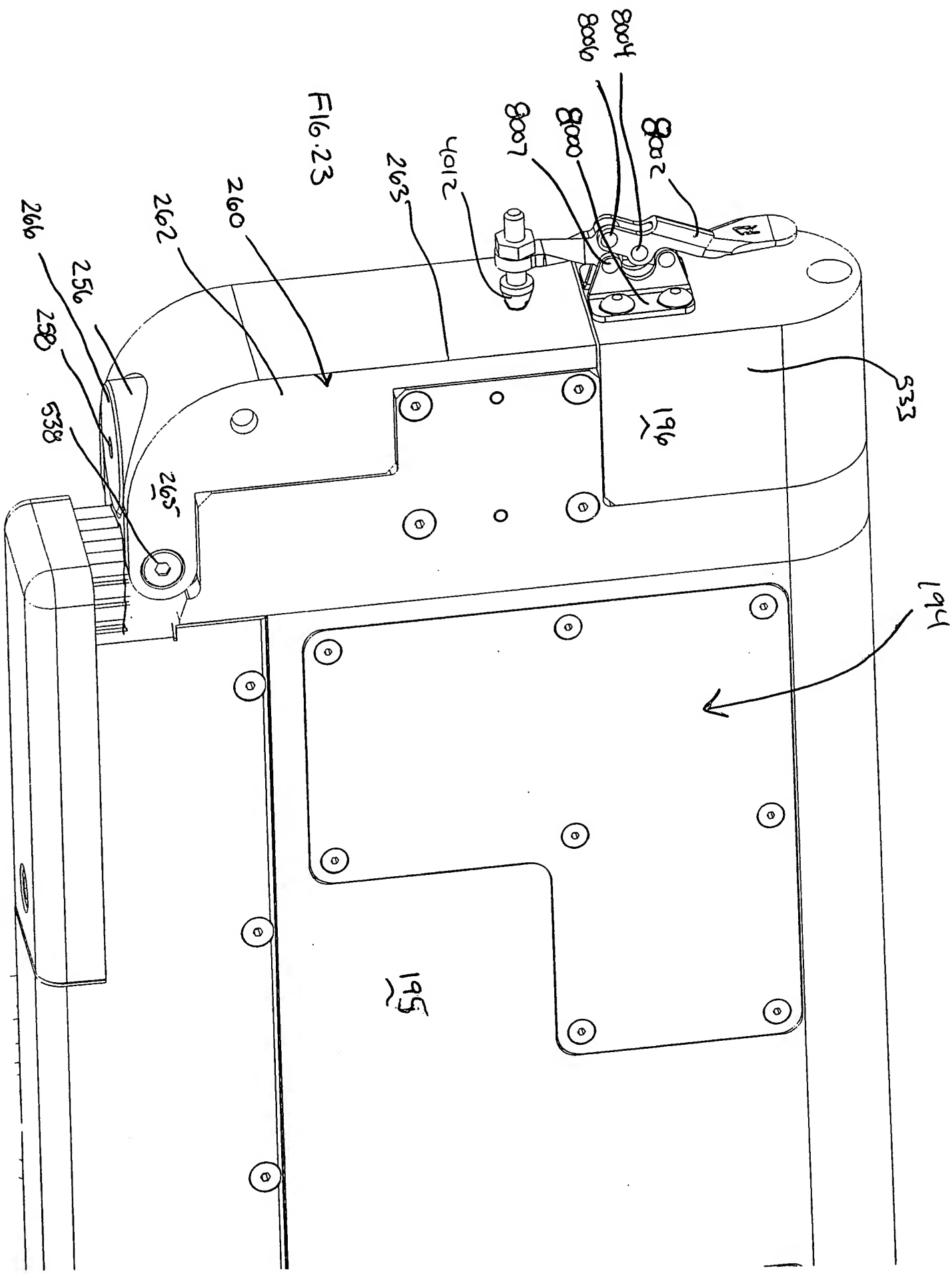
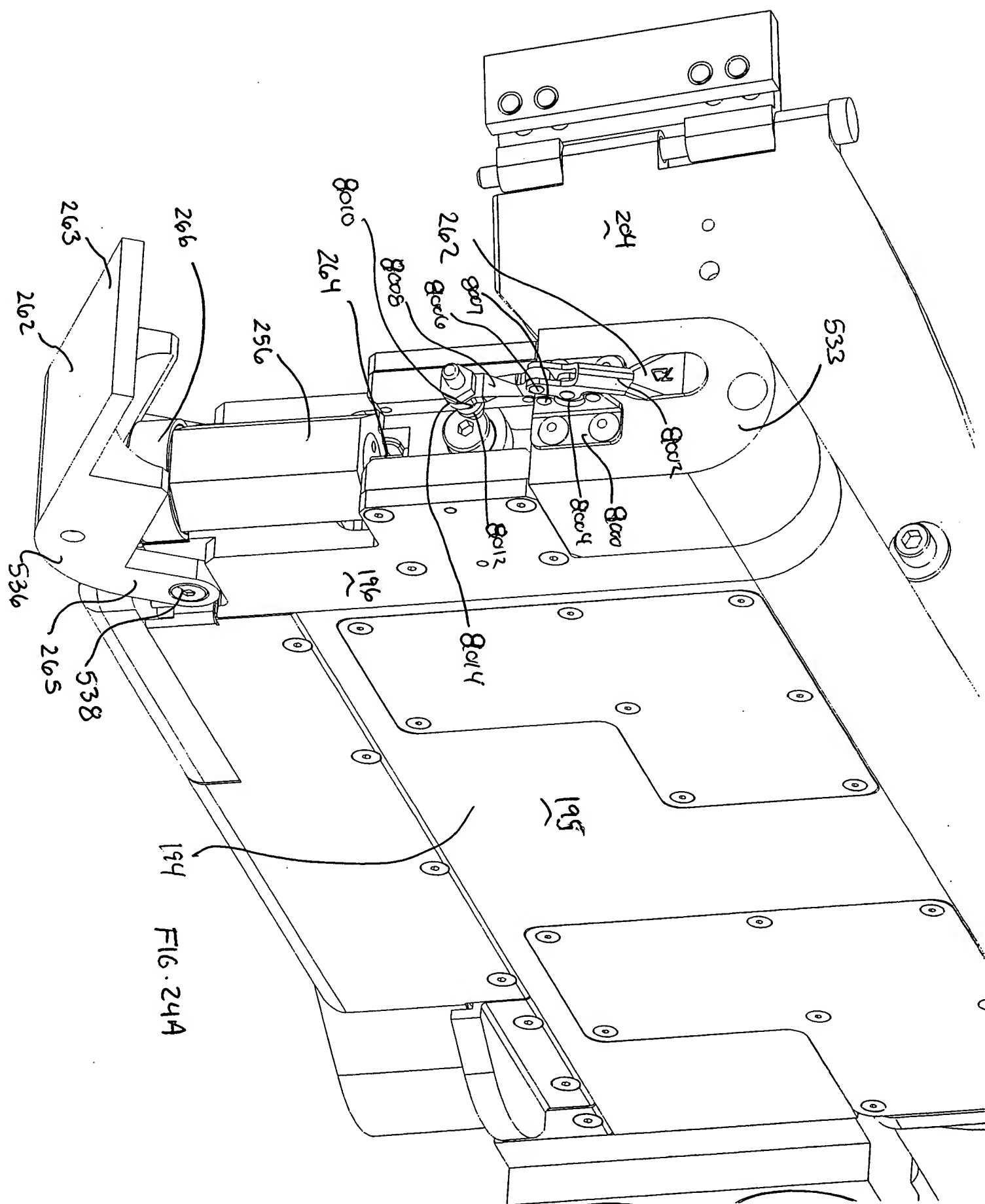


FIG. 22





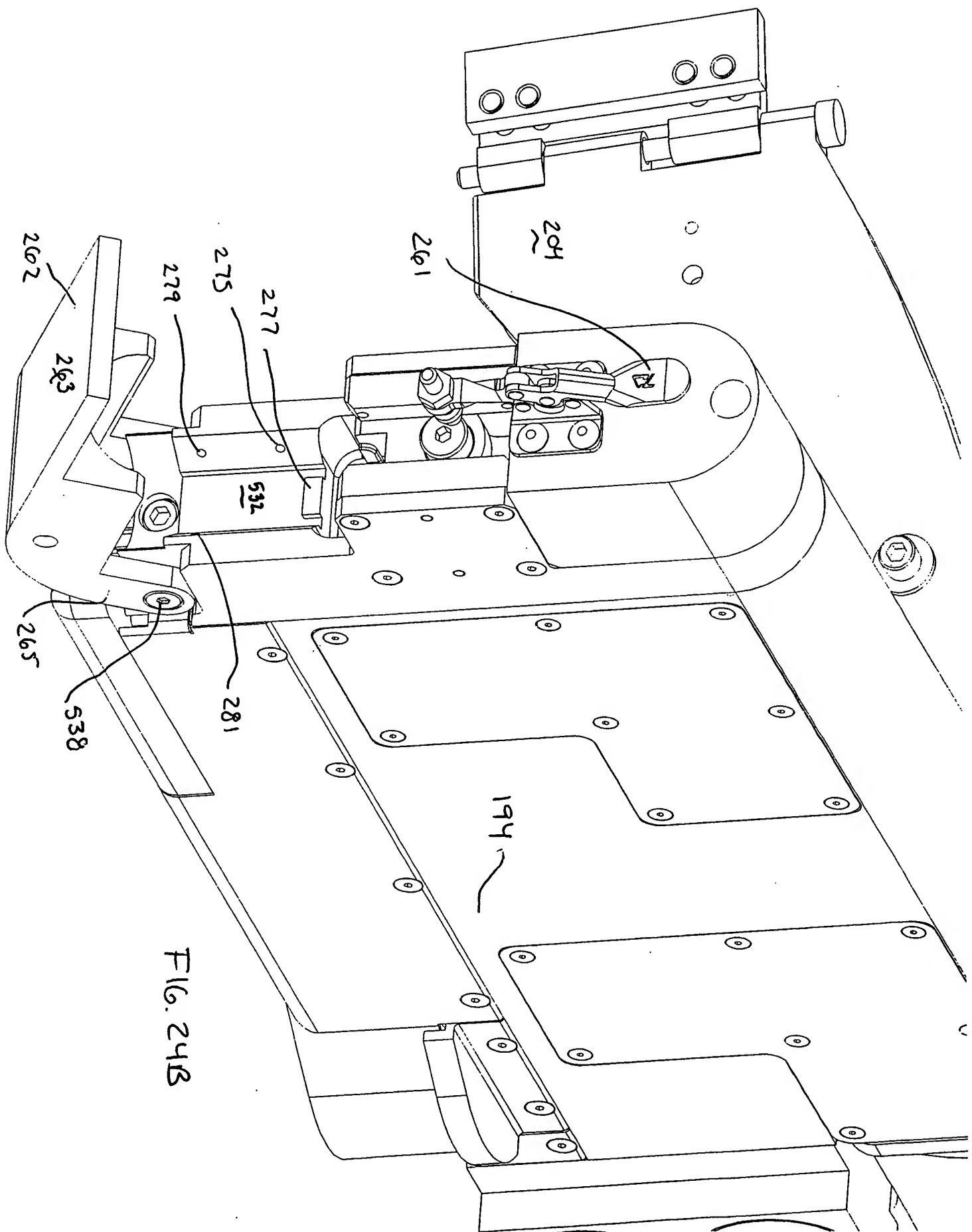


FIG. 24B

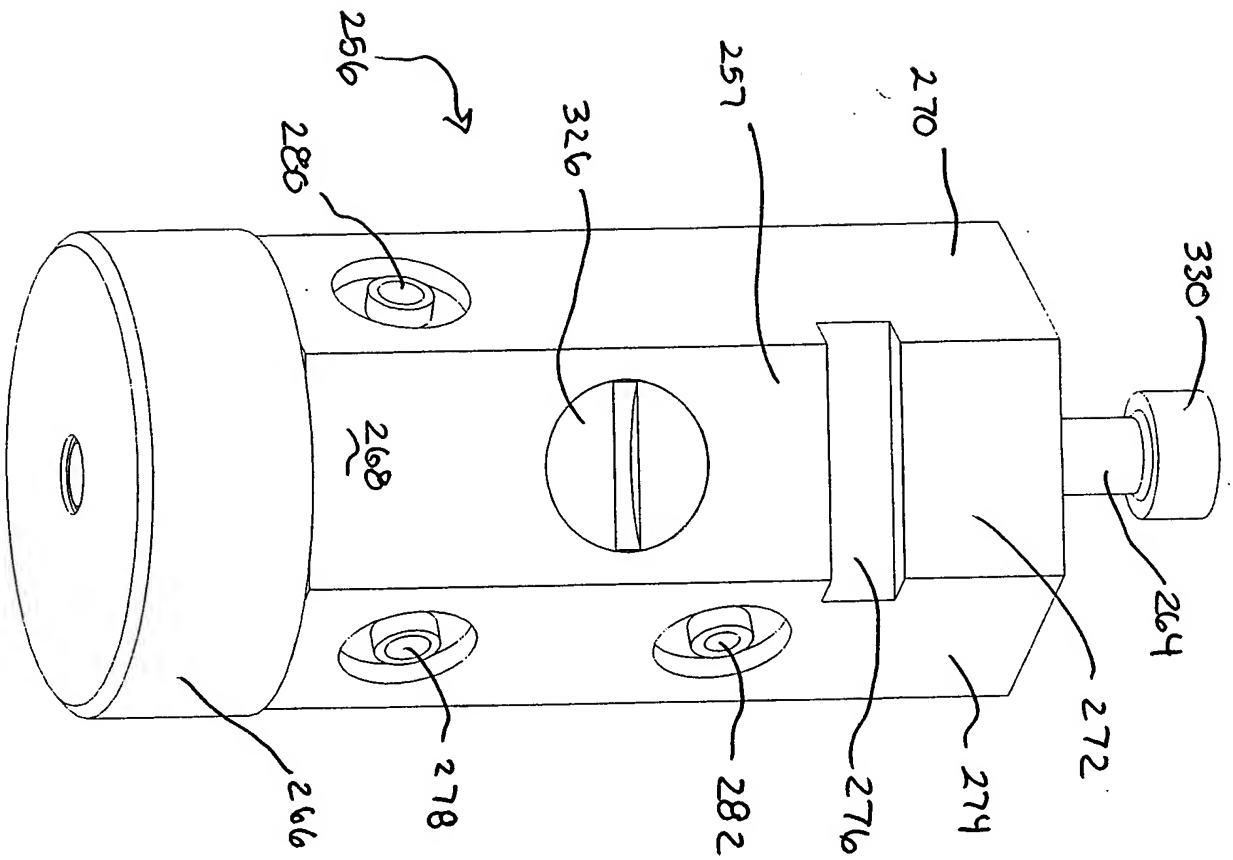


FIG. 25

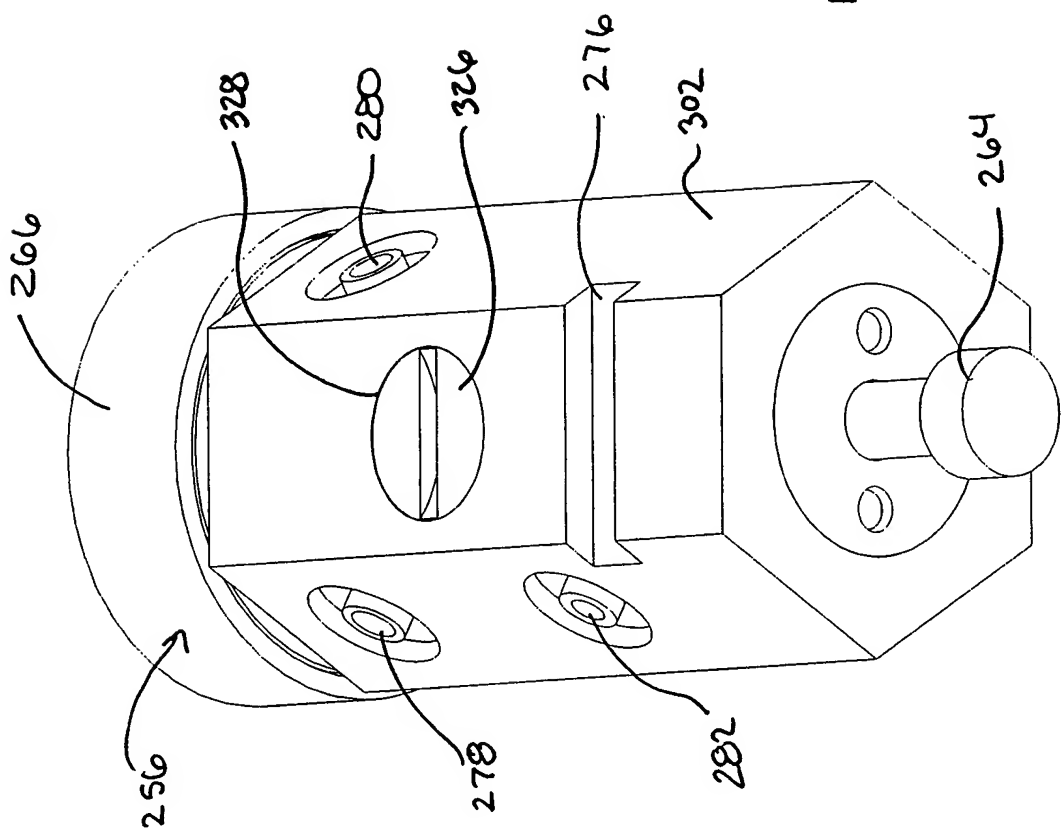
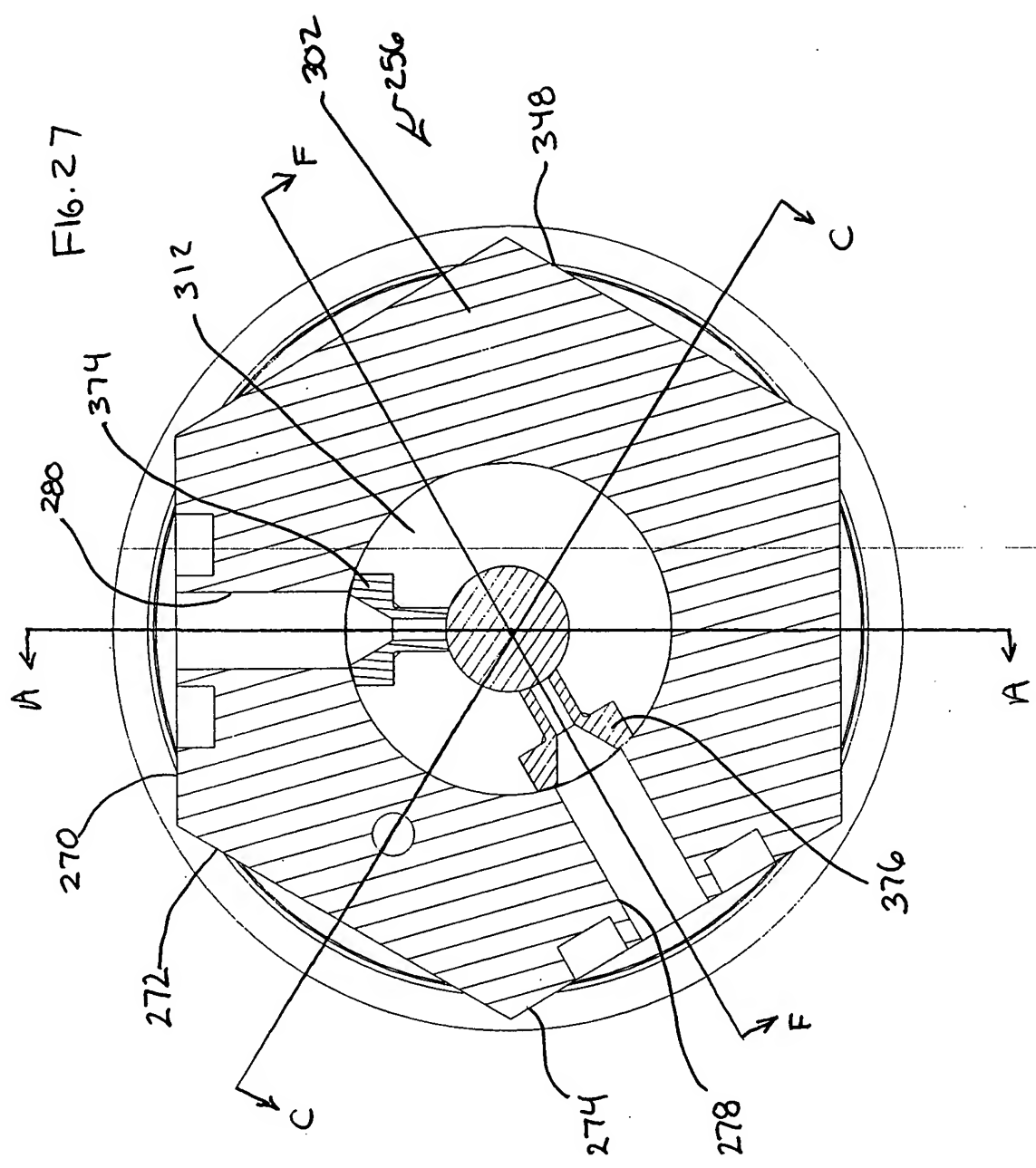
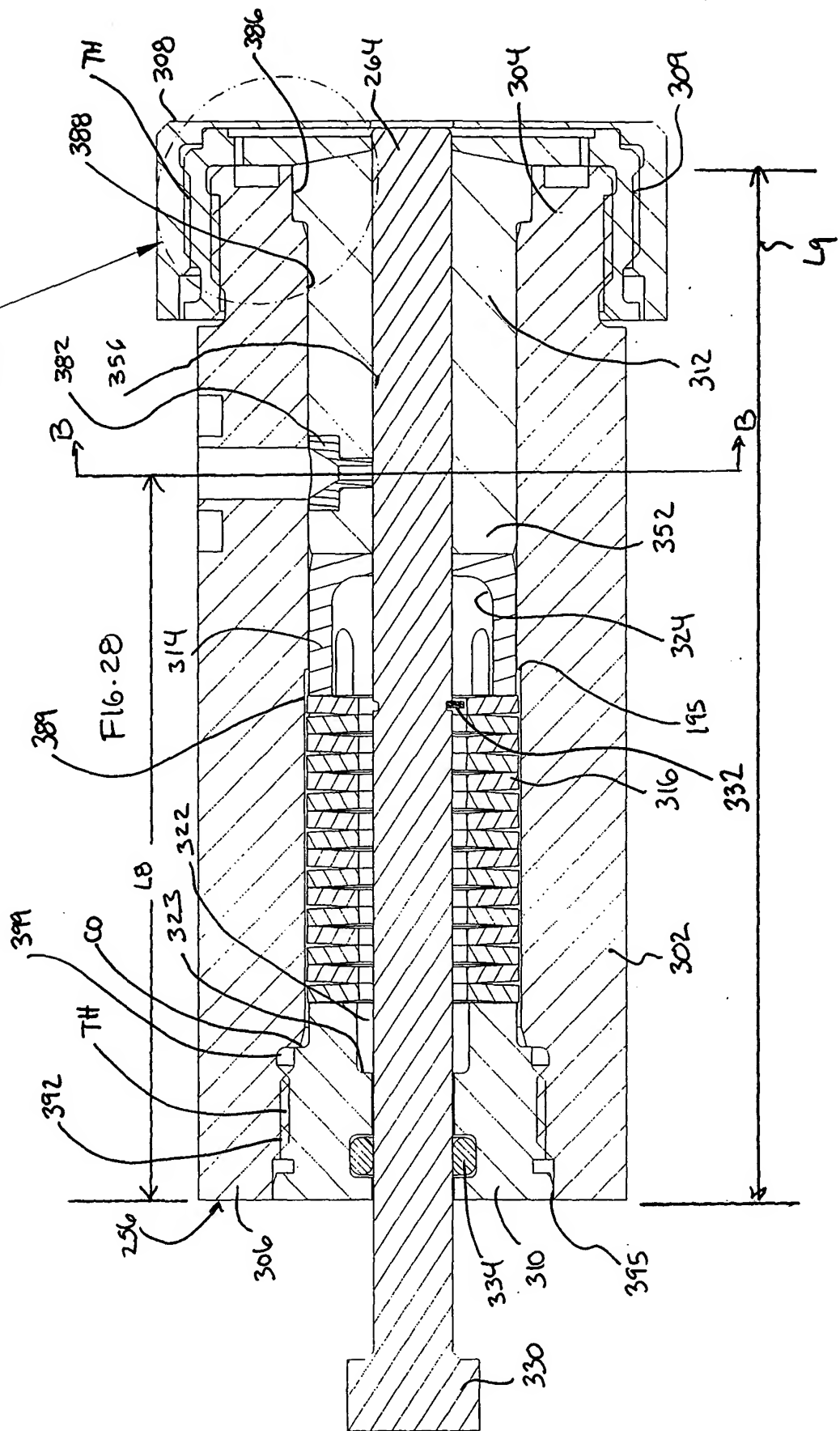
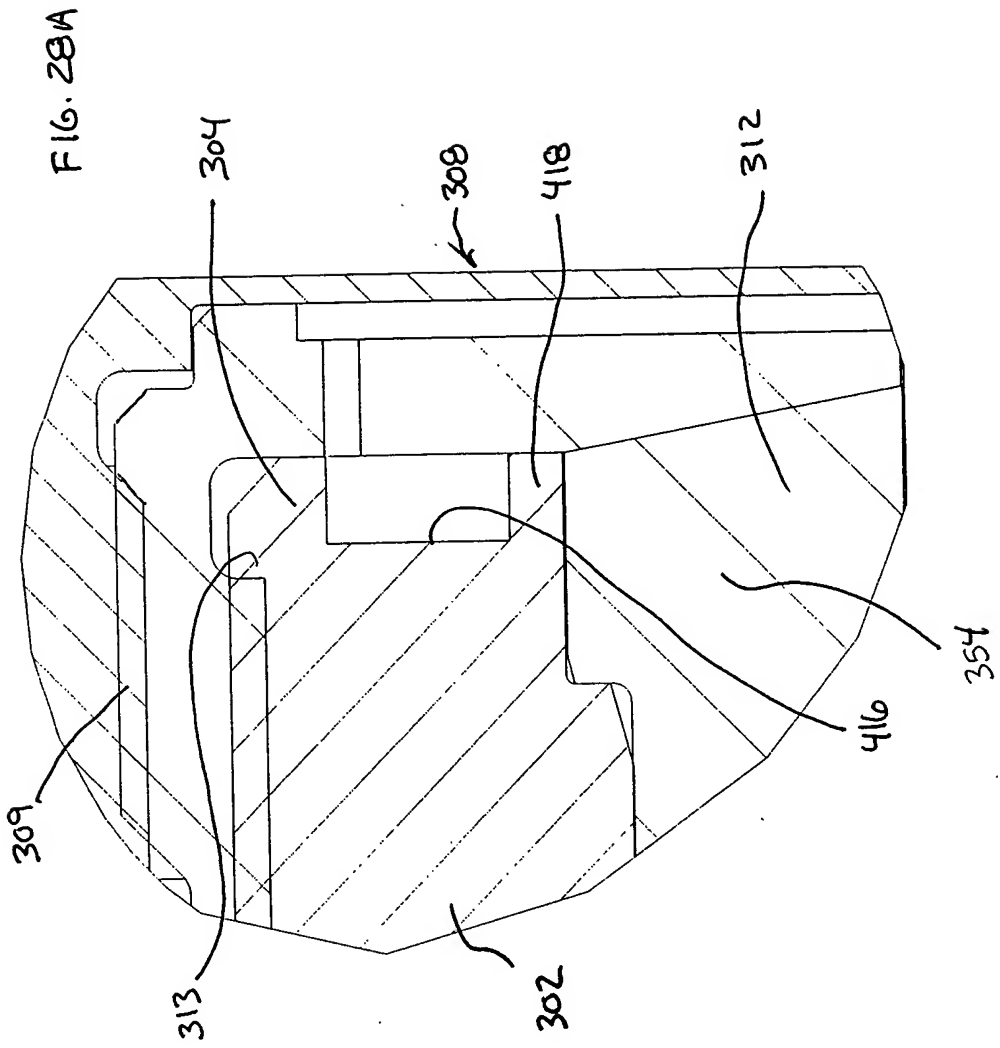


FIG. 26



SEE DETAIL 28A





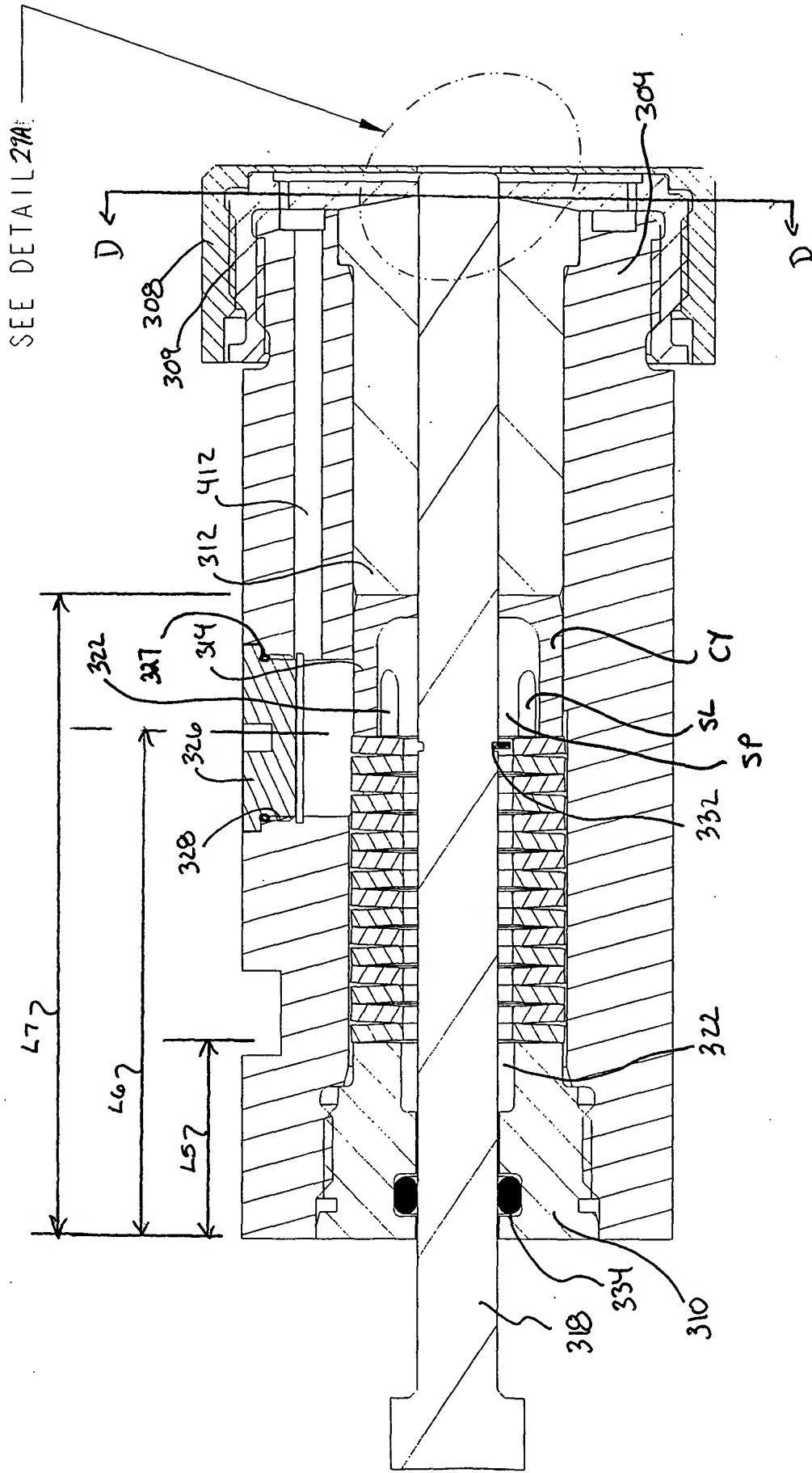


FIG. 29

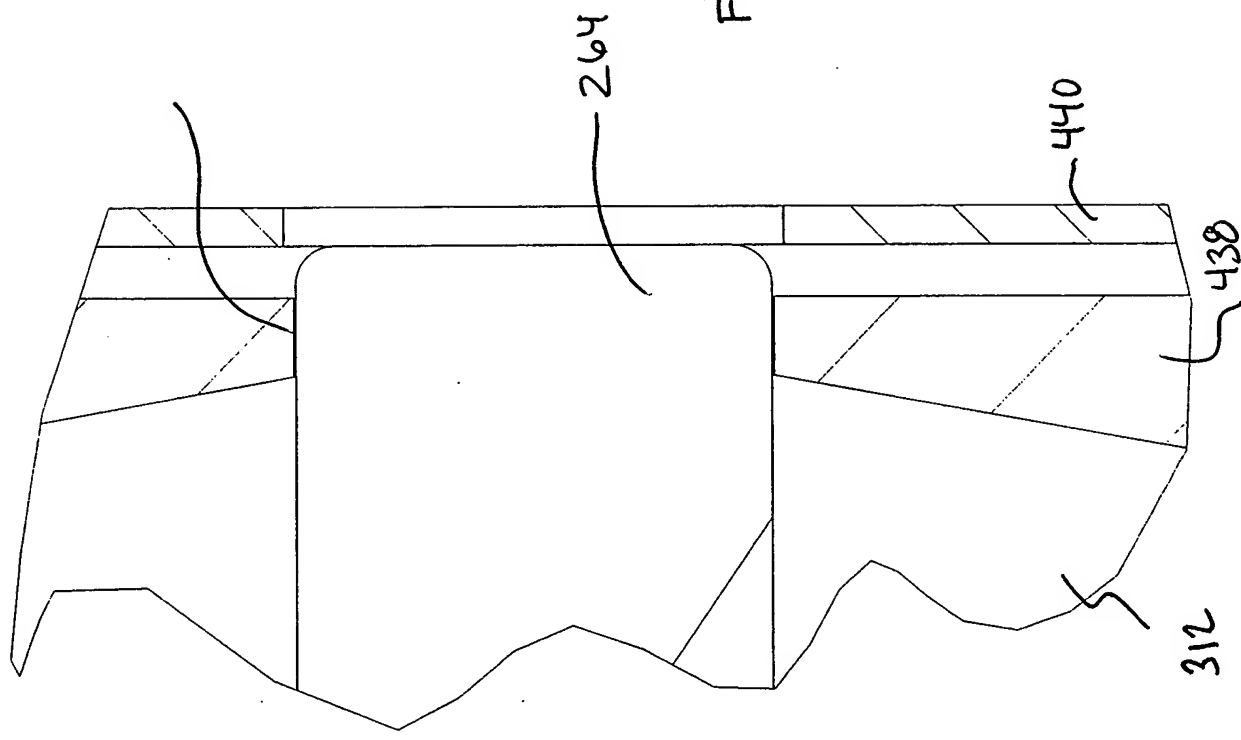
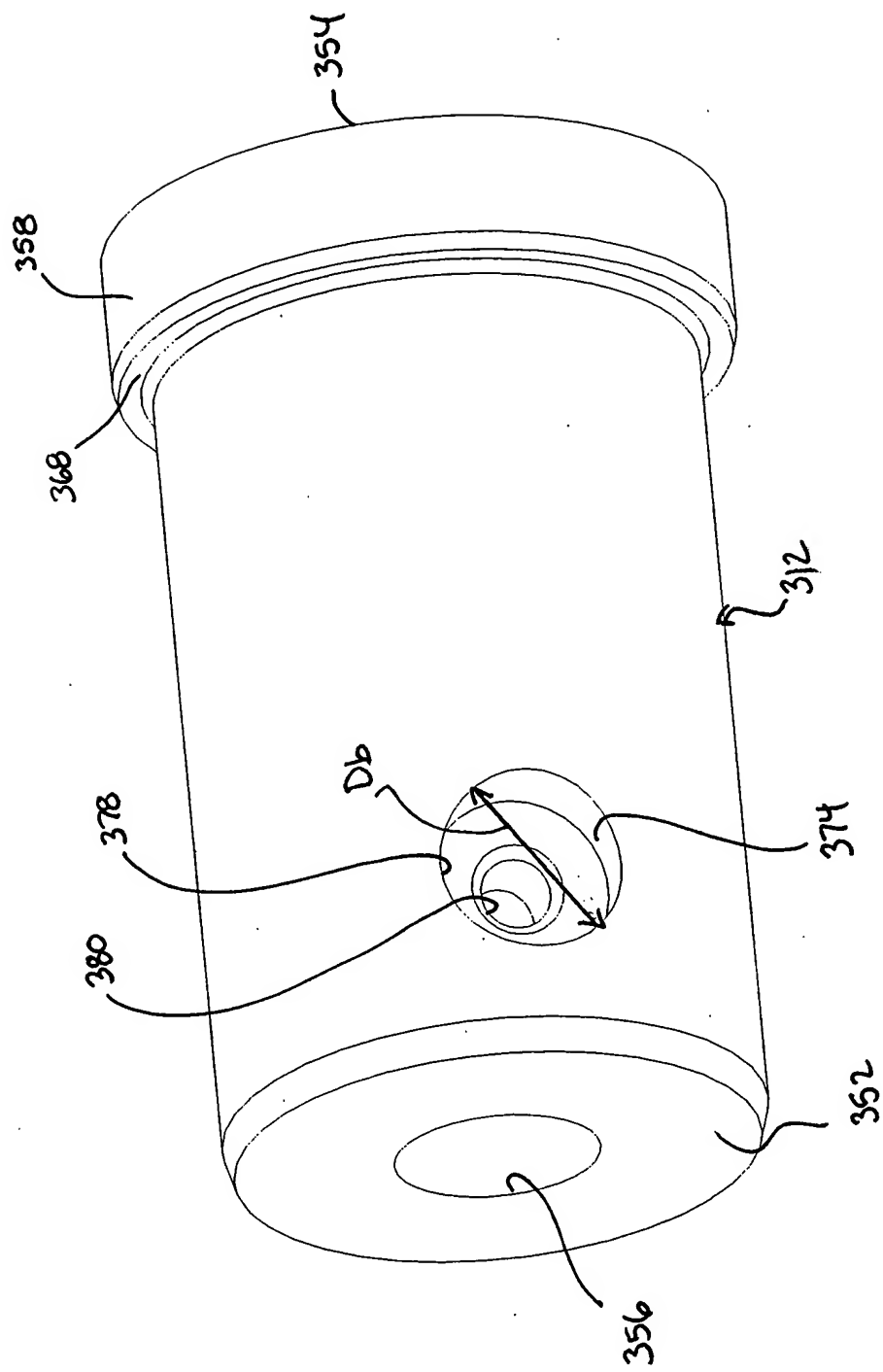


FIG. 29A

FIG. 29B



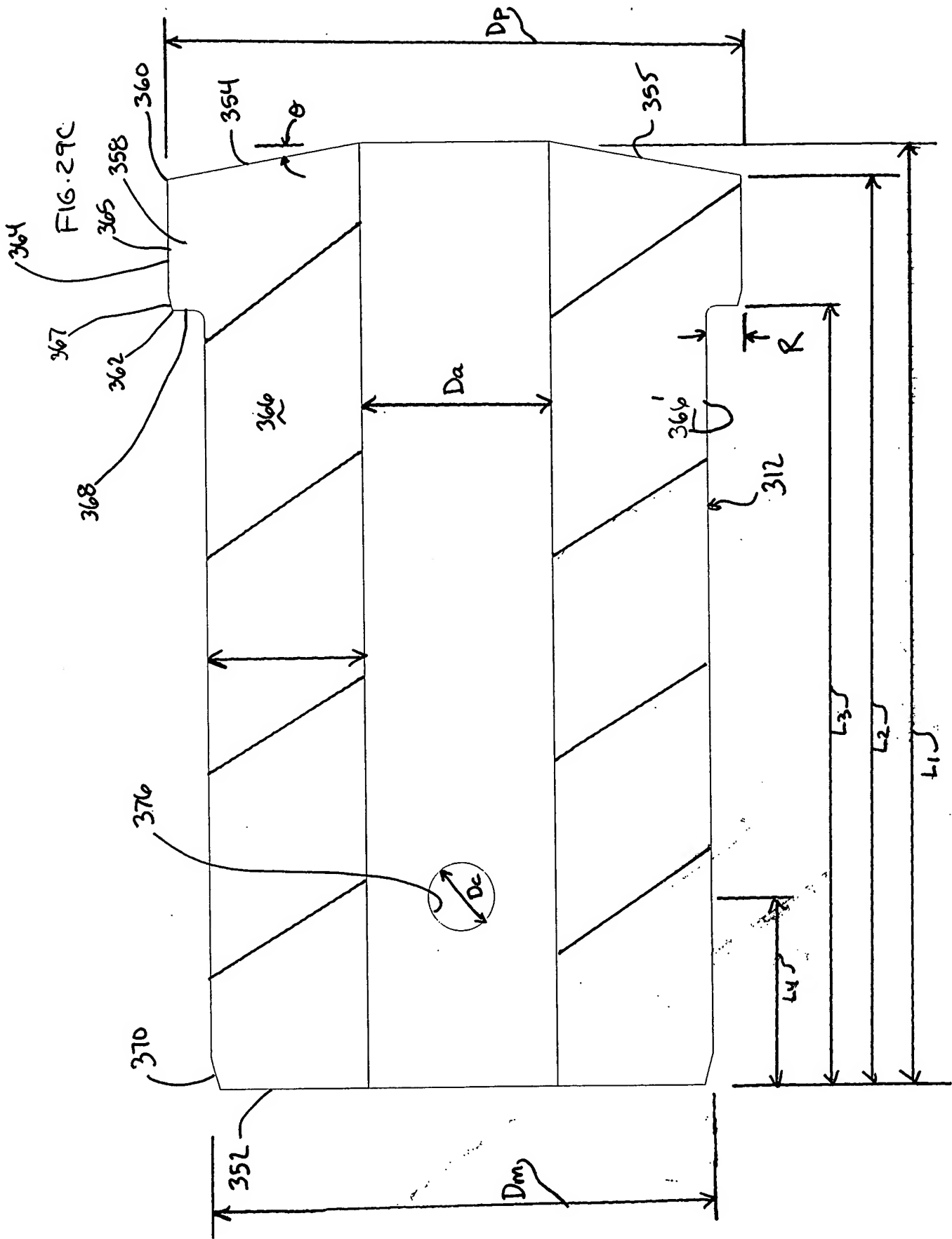


FIG. 30

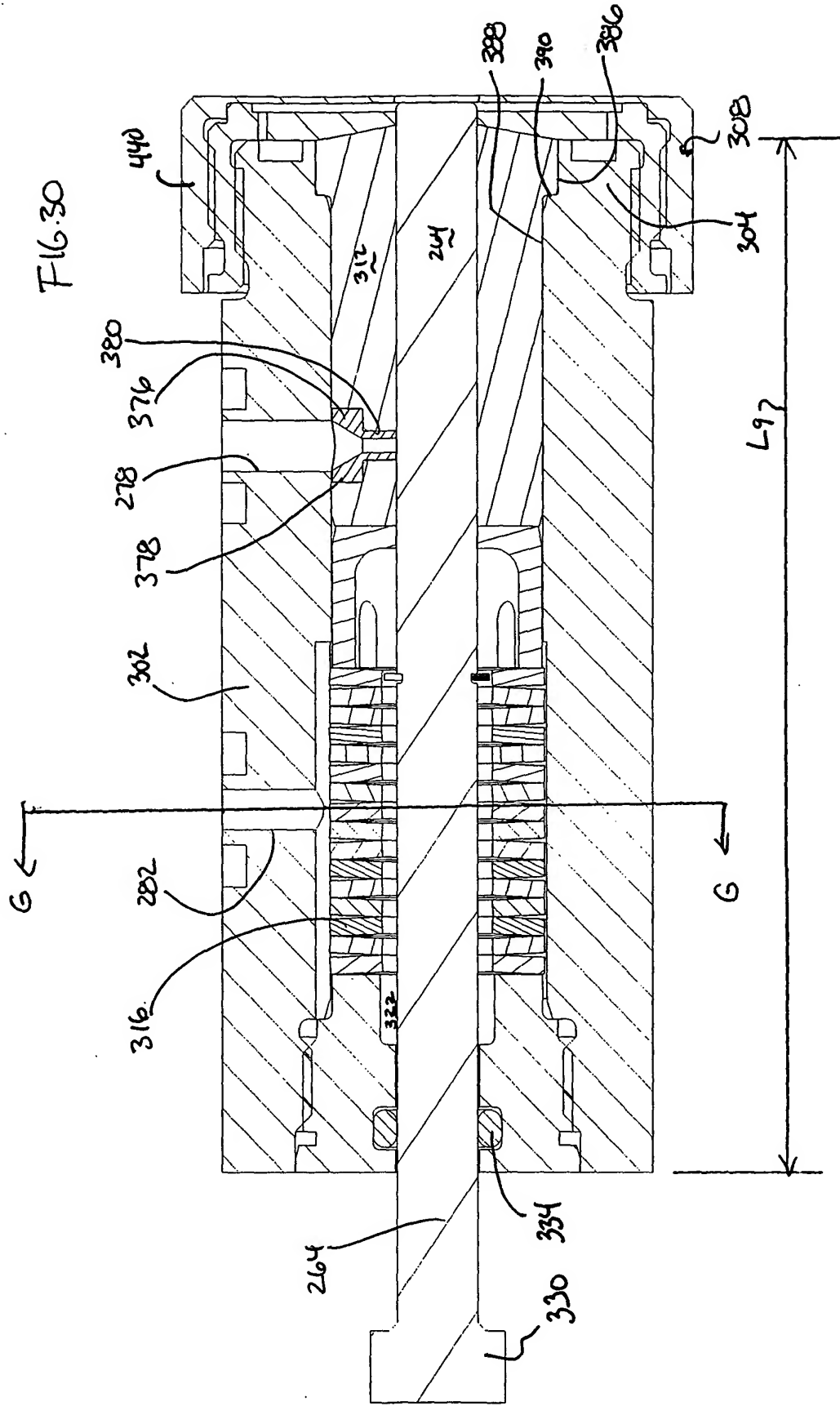
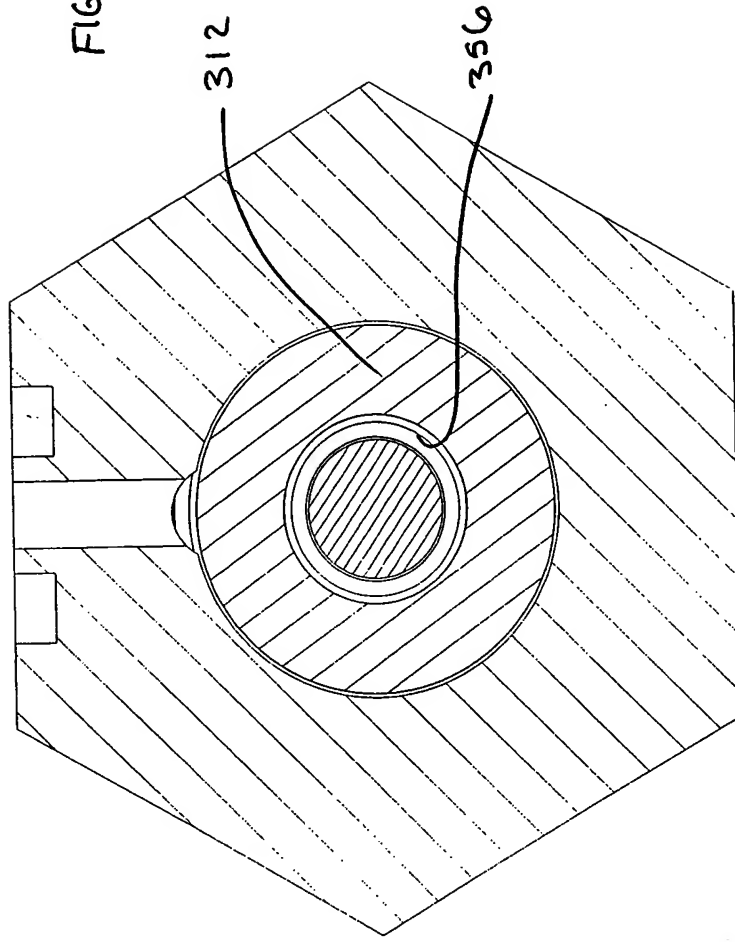


FIG. 31



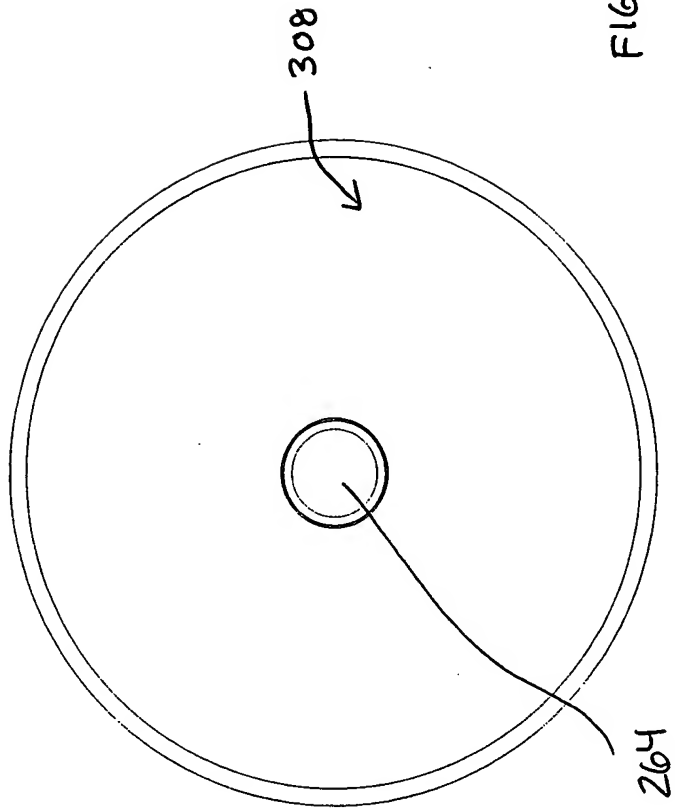


FIG. 32

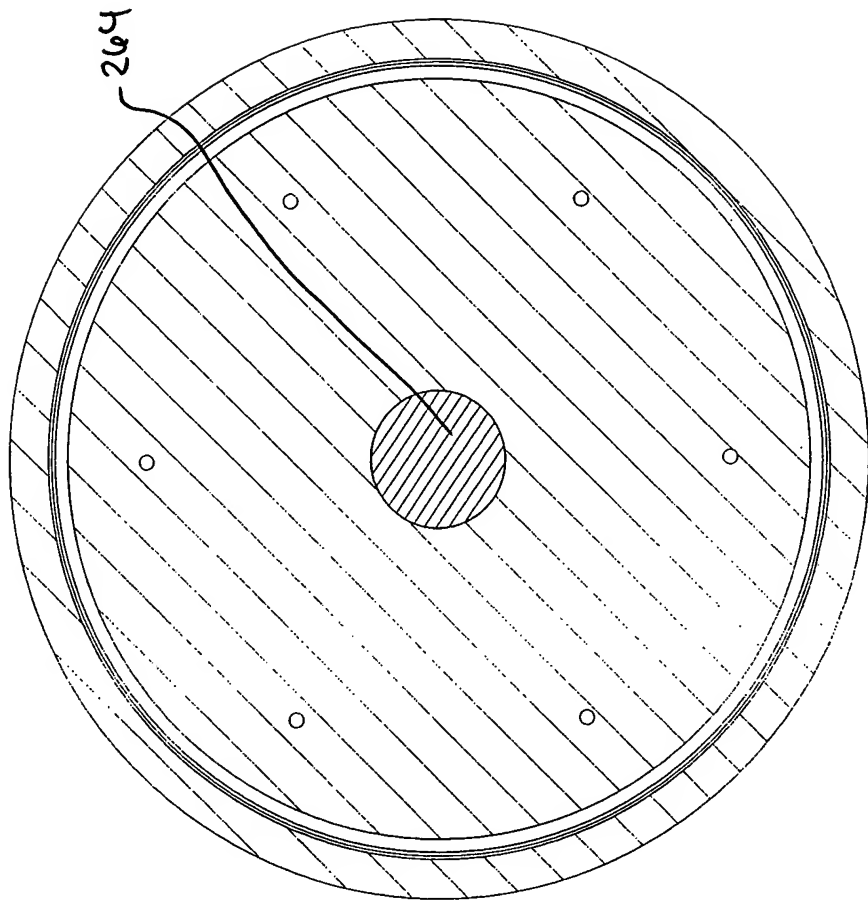
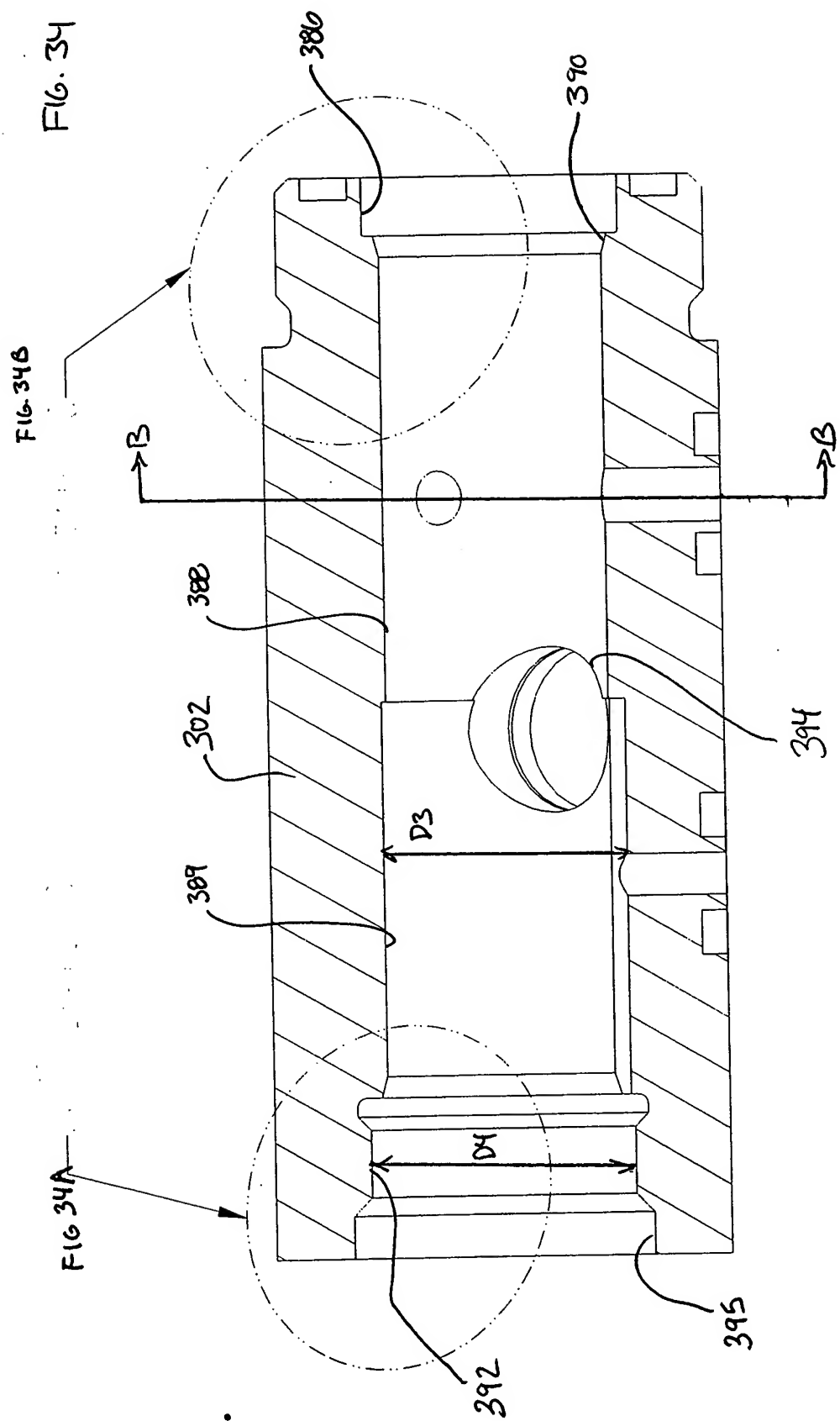


FIG. 33



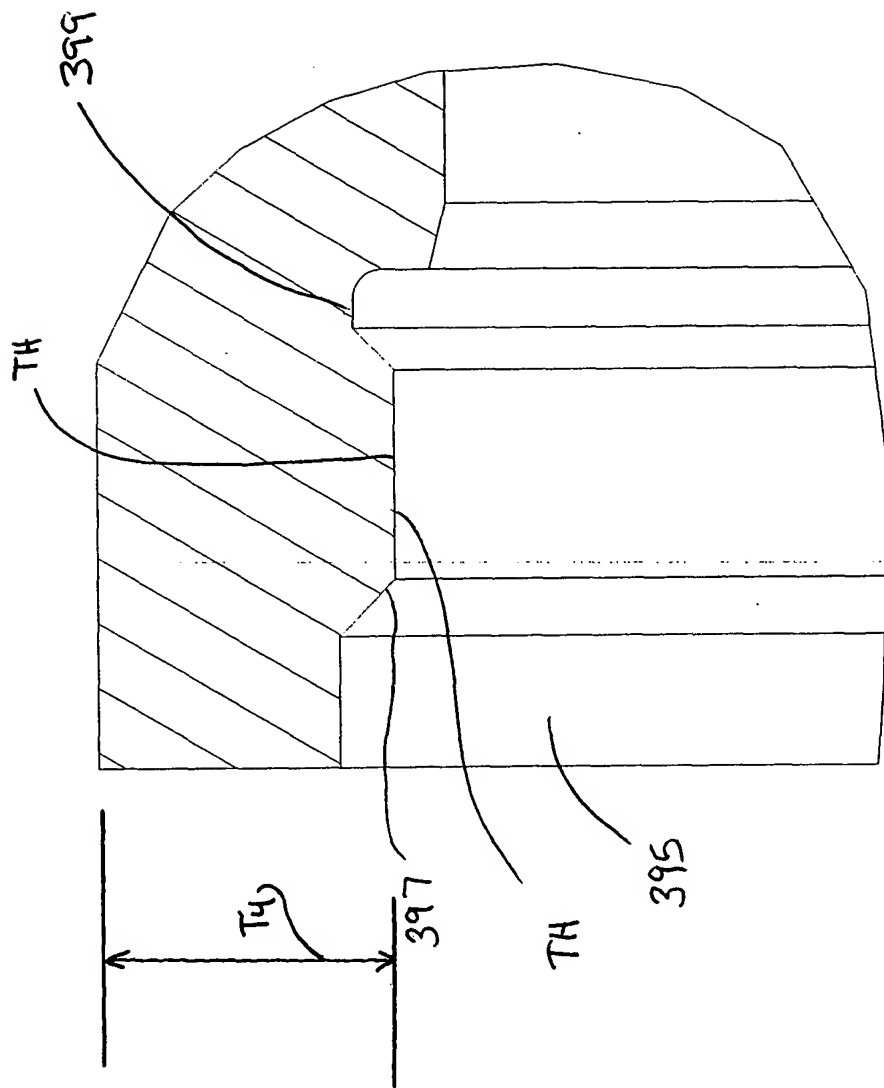


FIG. 34A

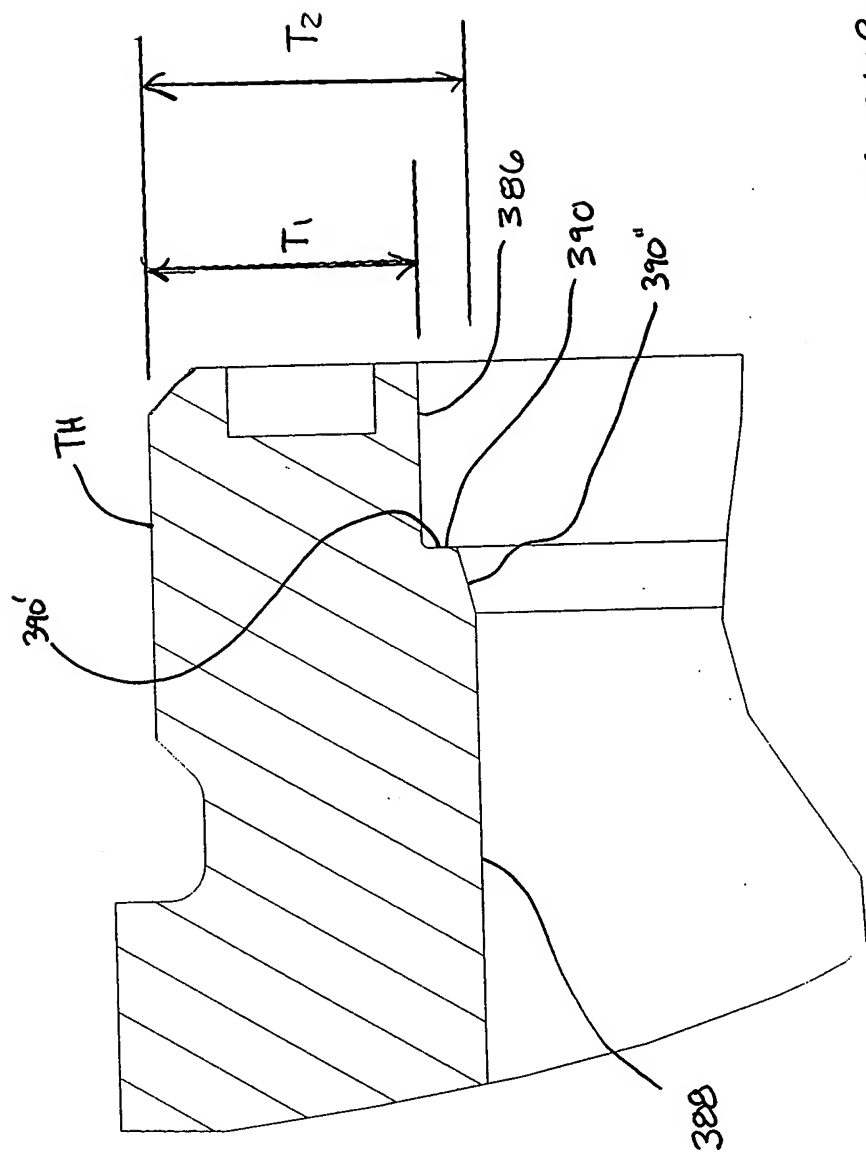


FIG. 34B

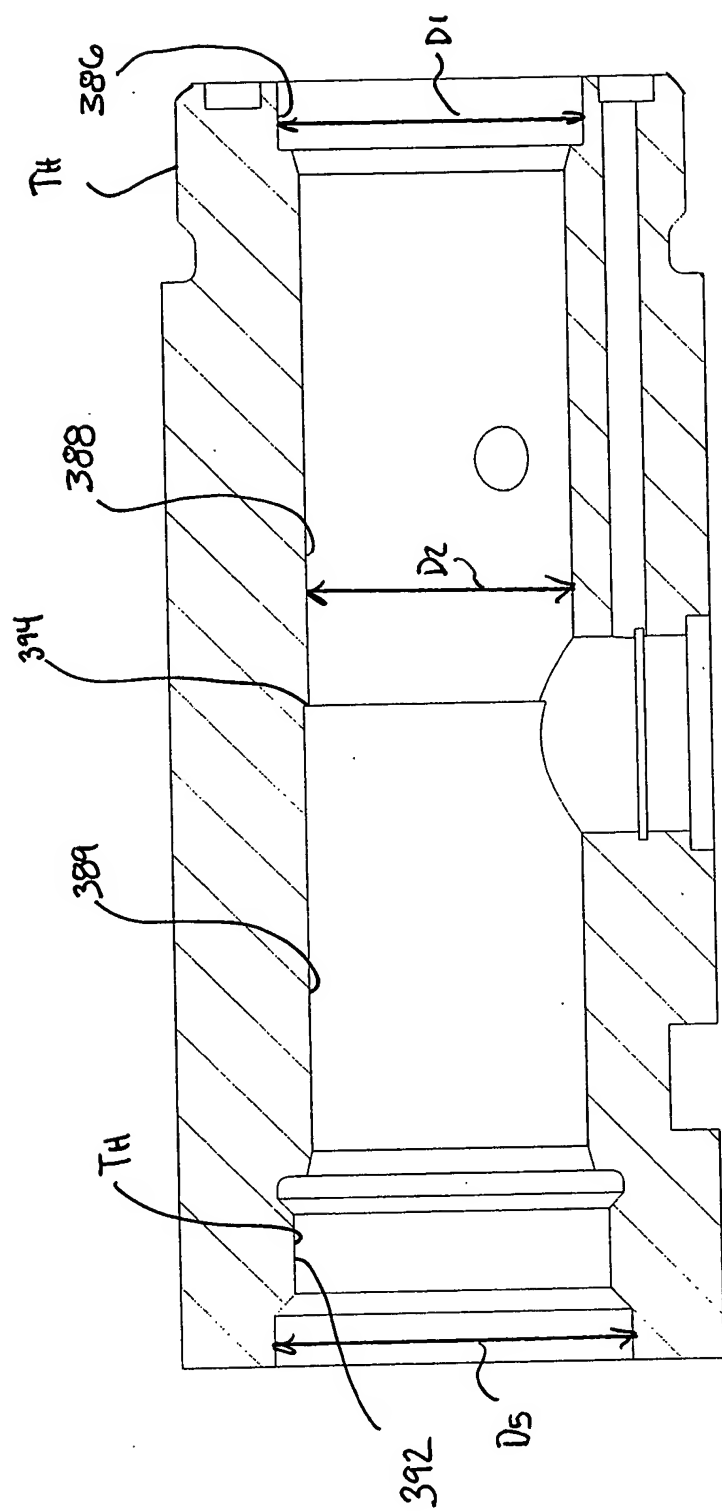


FIG. 35

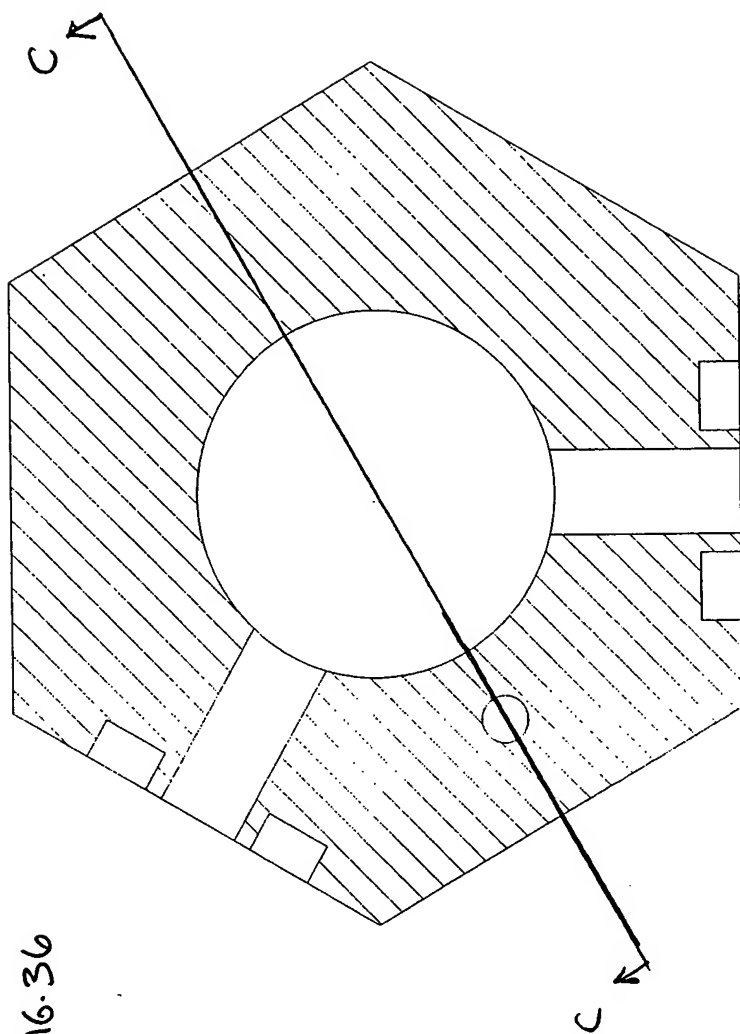
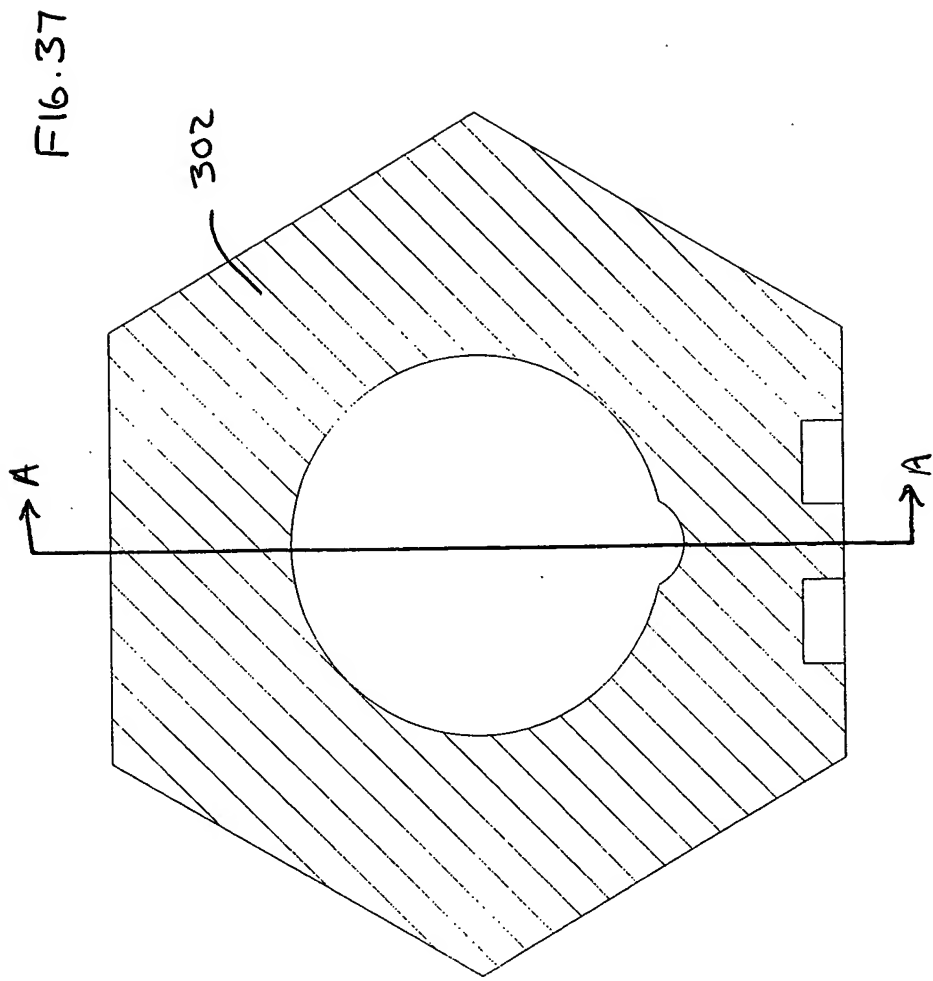


FIG. 36



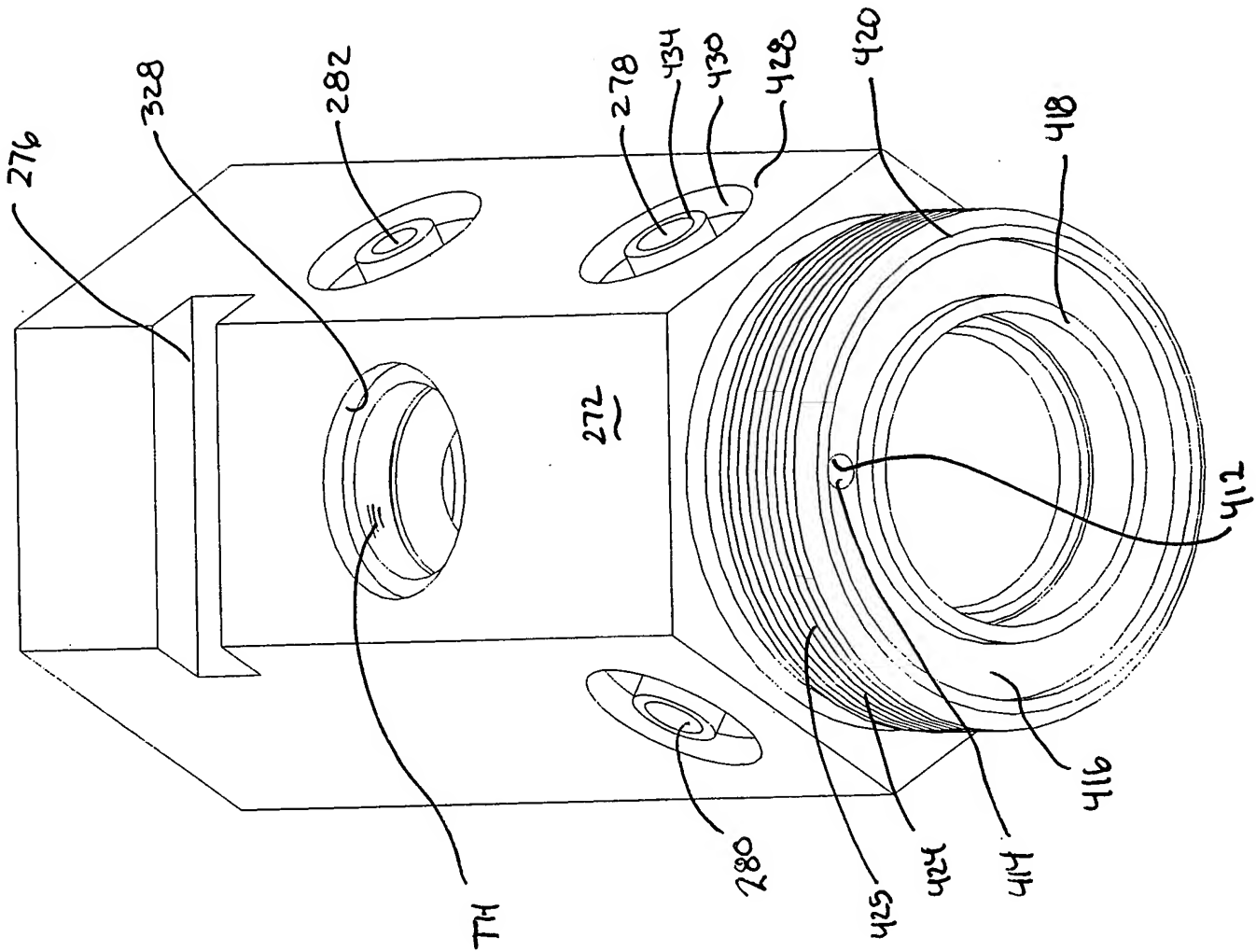
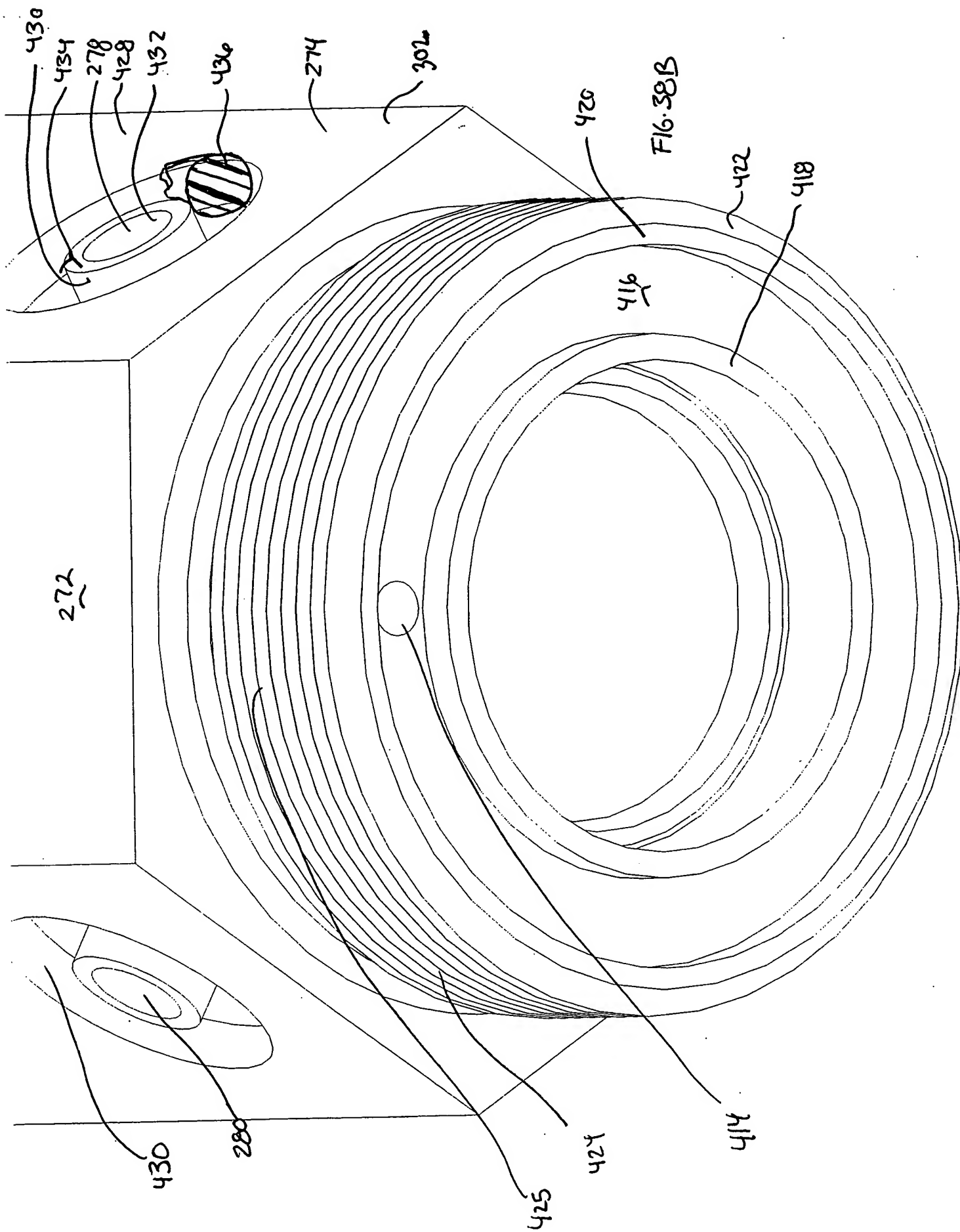


FIG. 38A



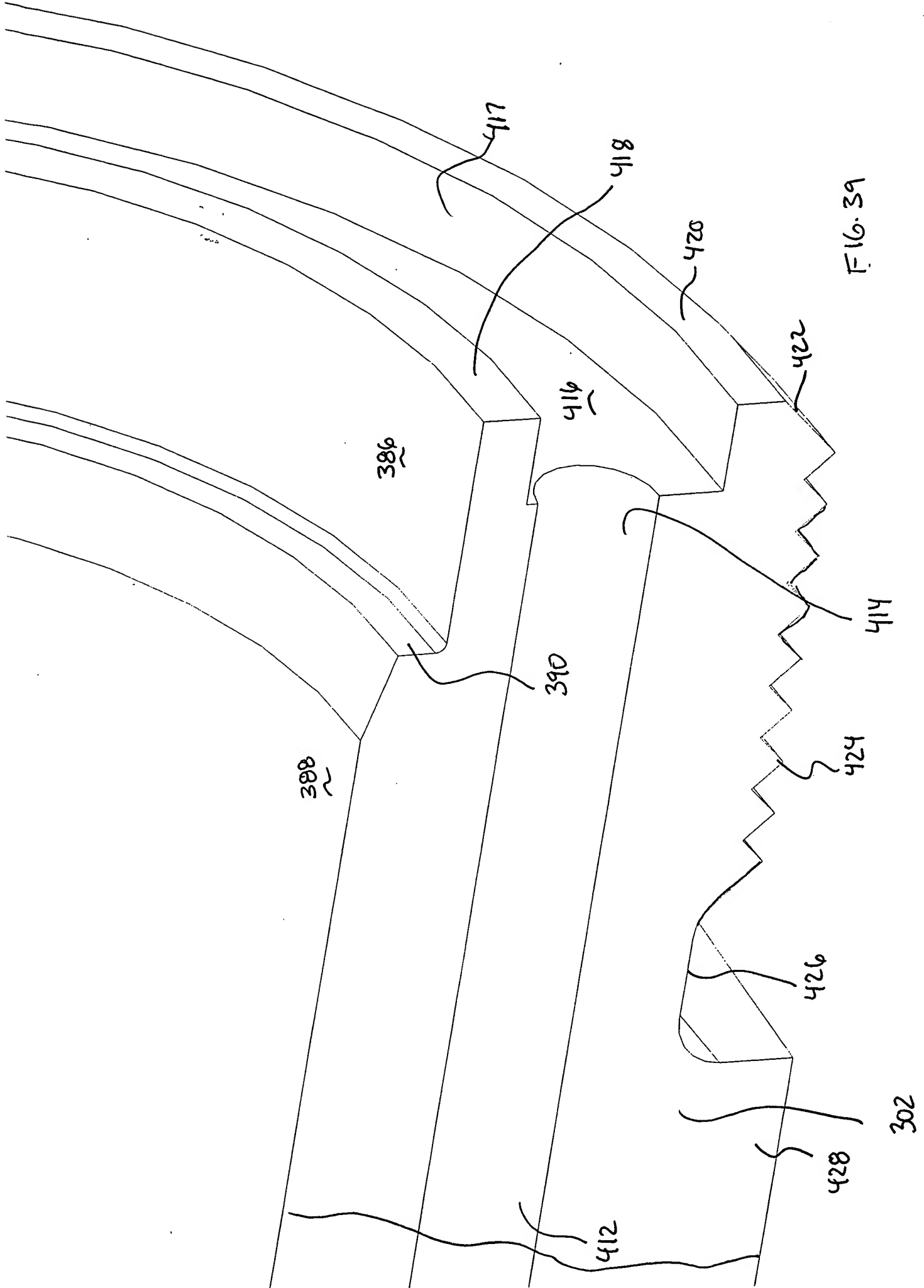


FIG. 39

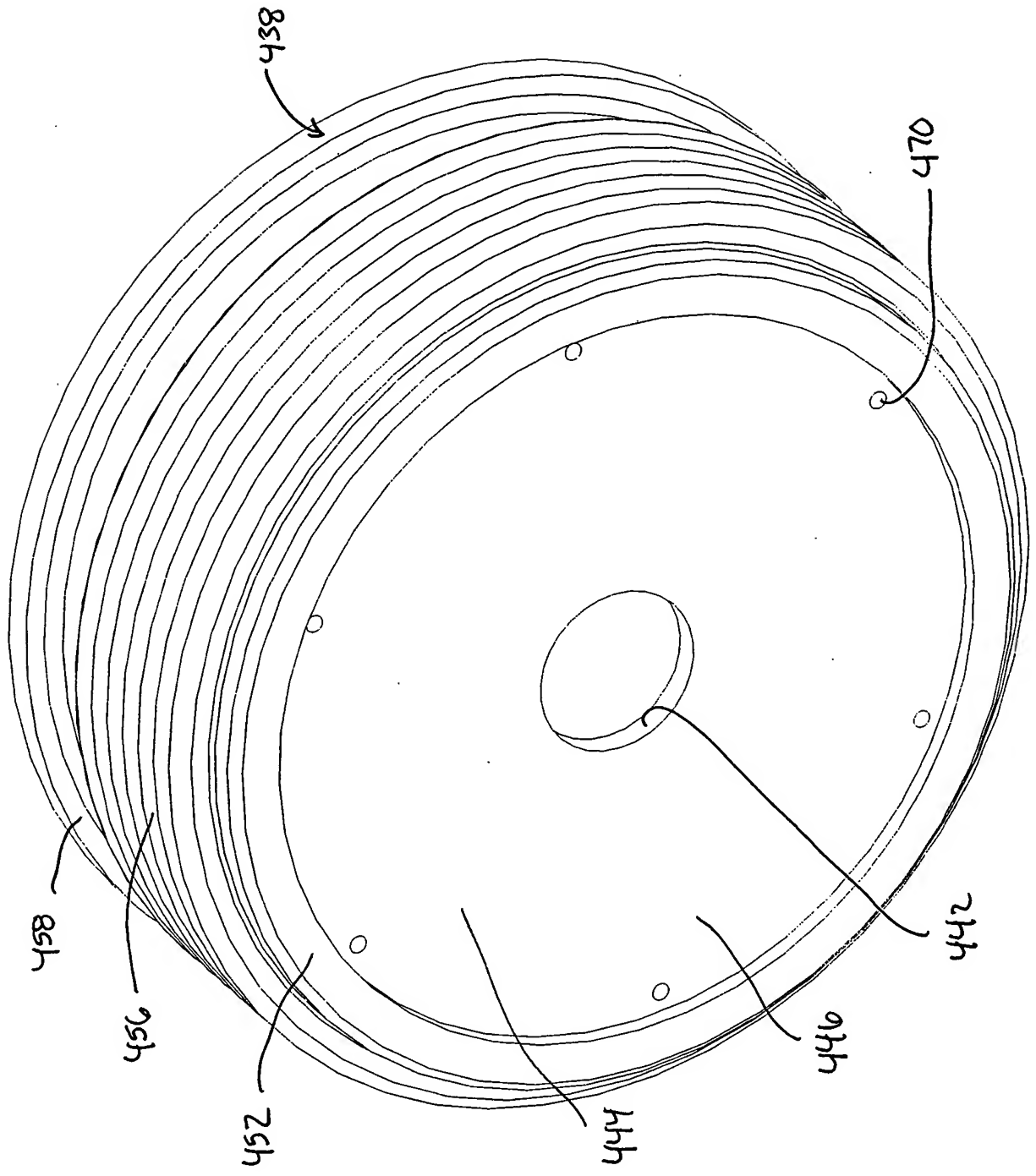
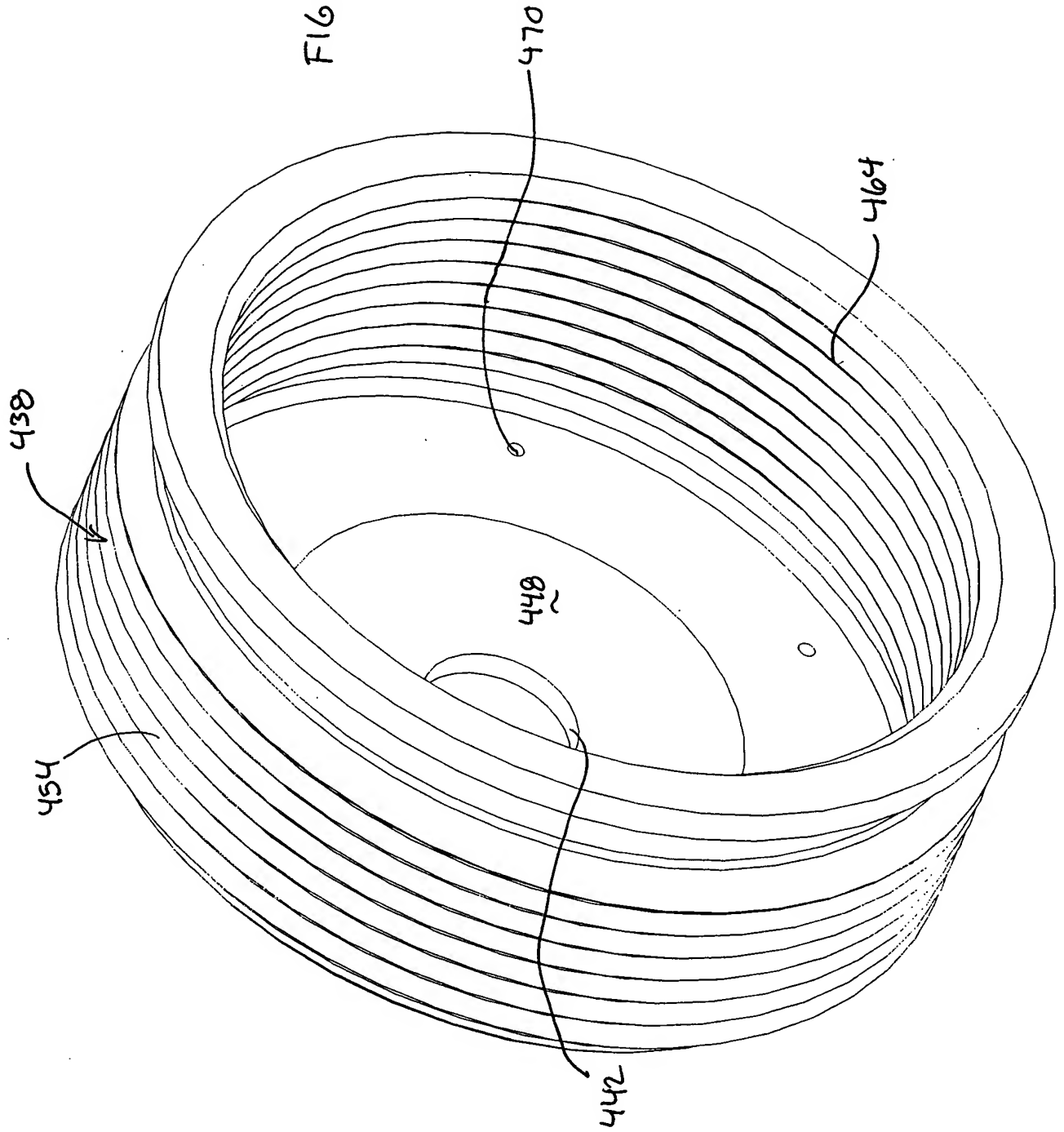
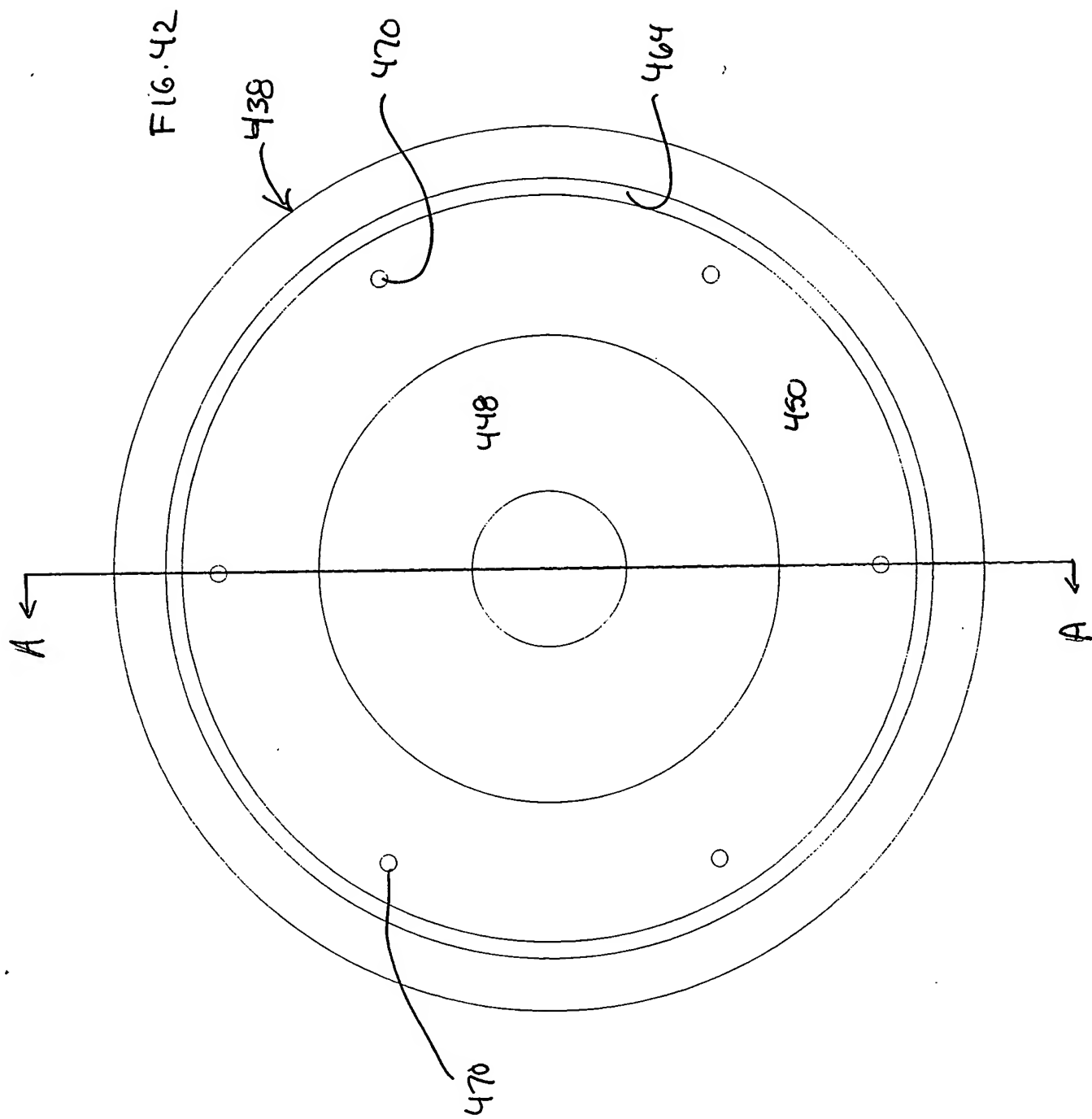


FIG. 40

FIG. 41





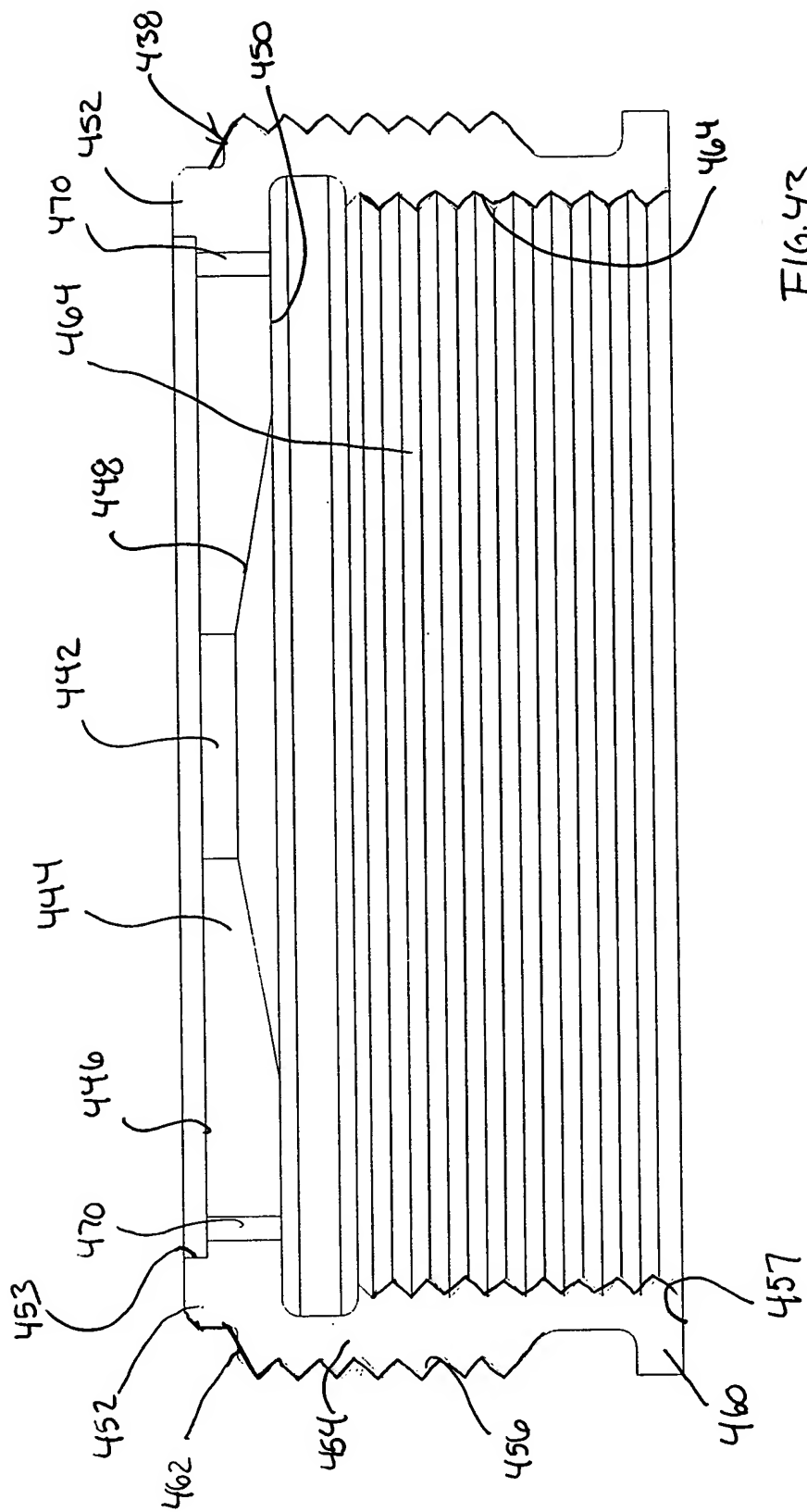
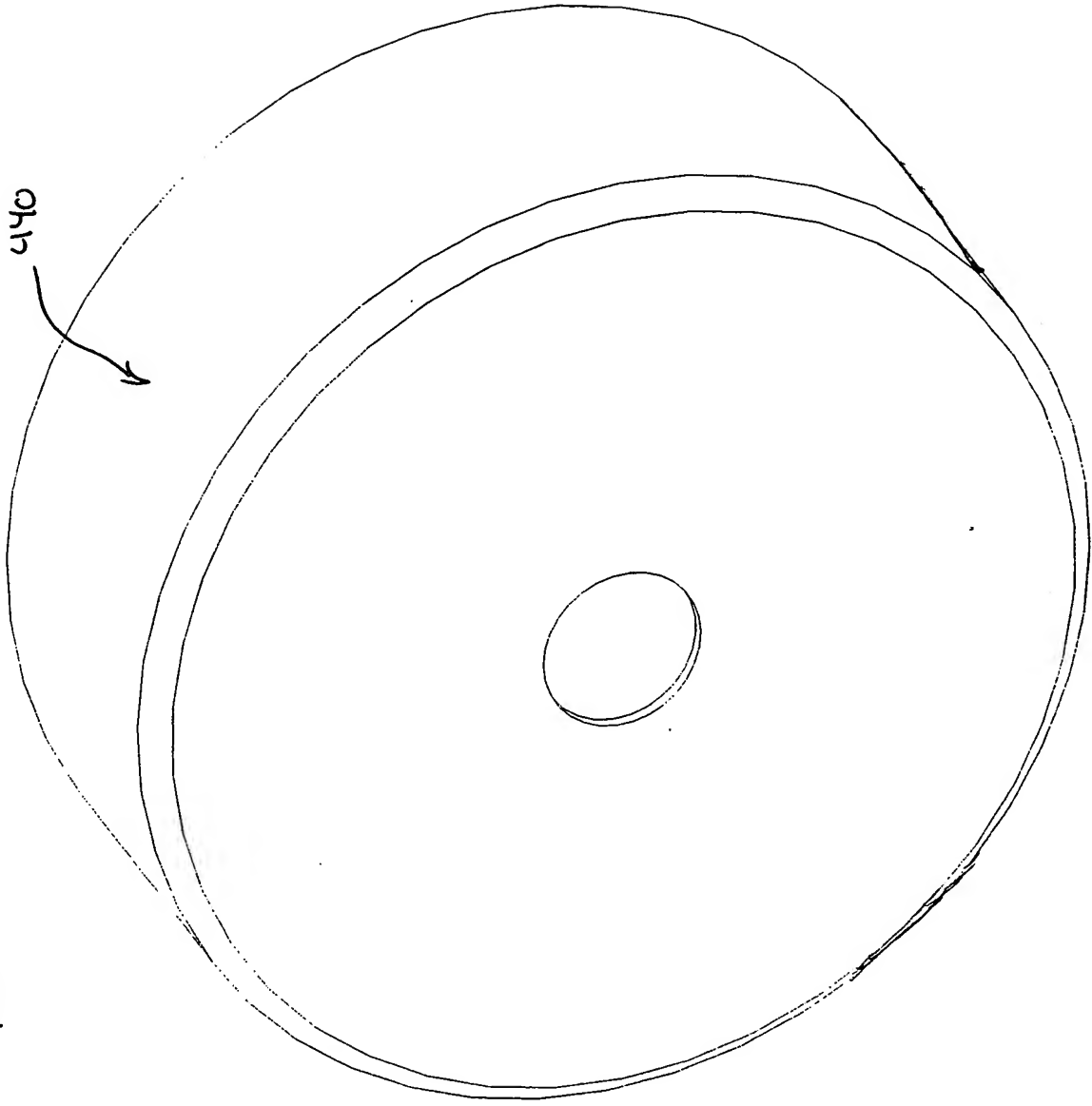


FIG. 43

FIG. 44



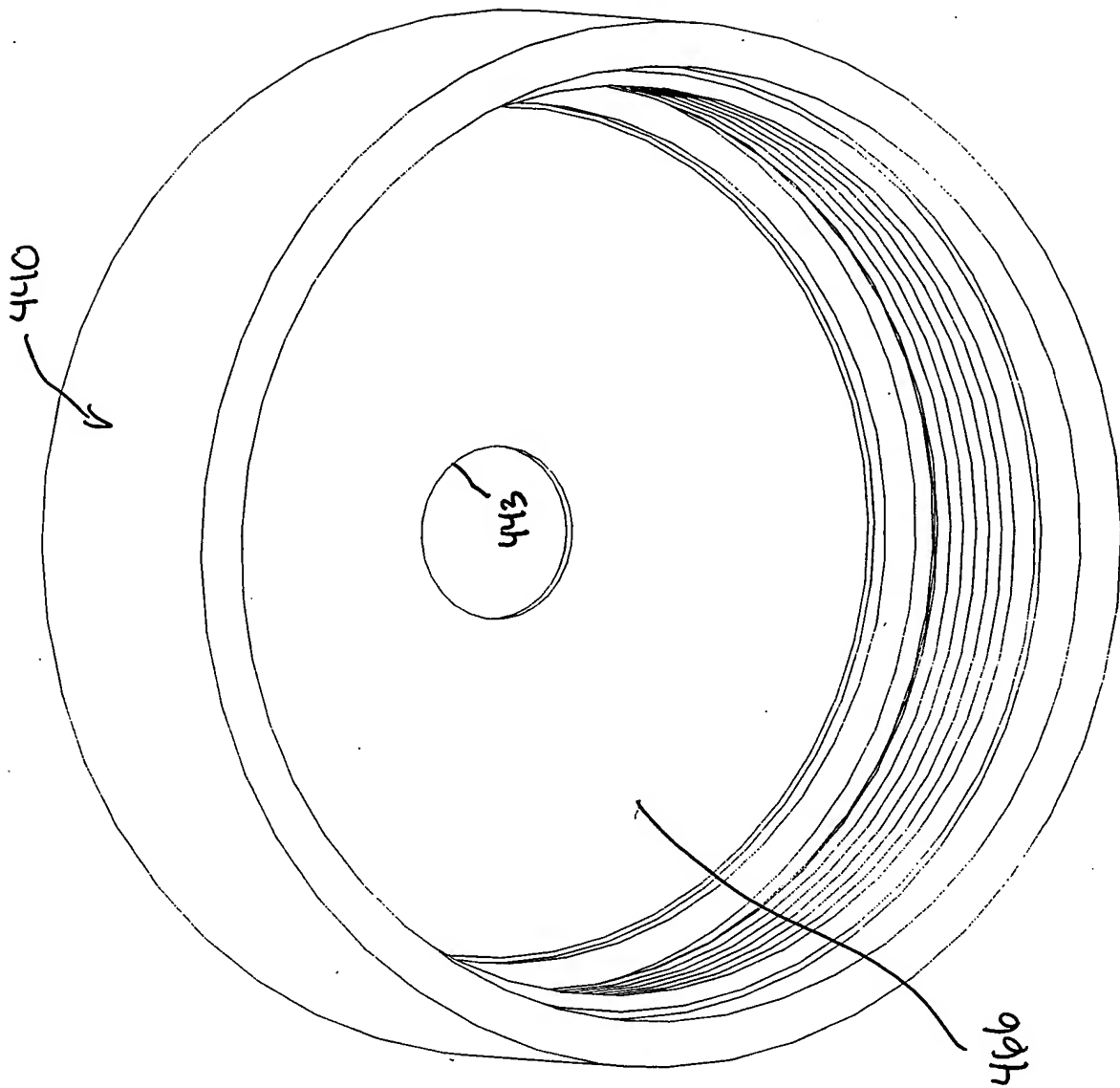


FIG. 45

FIG. 46

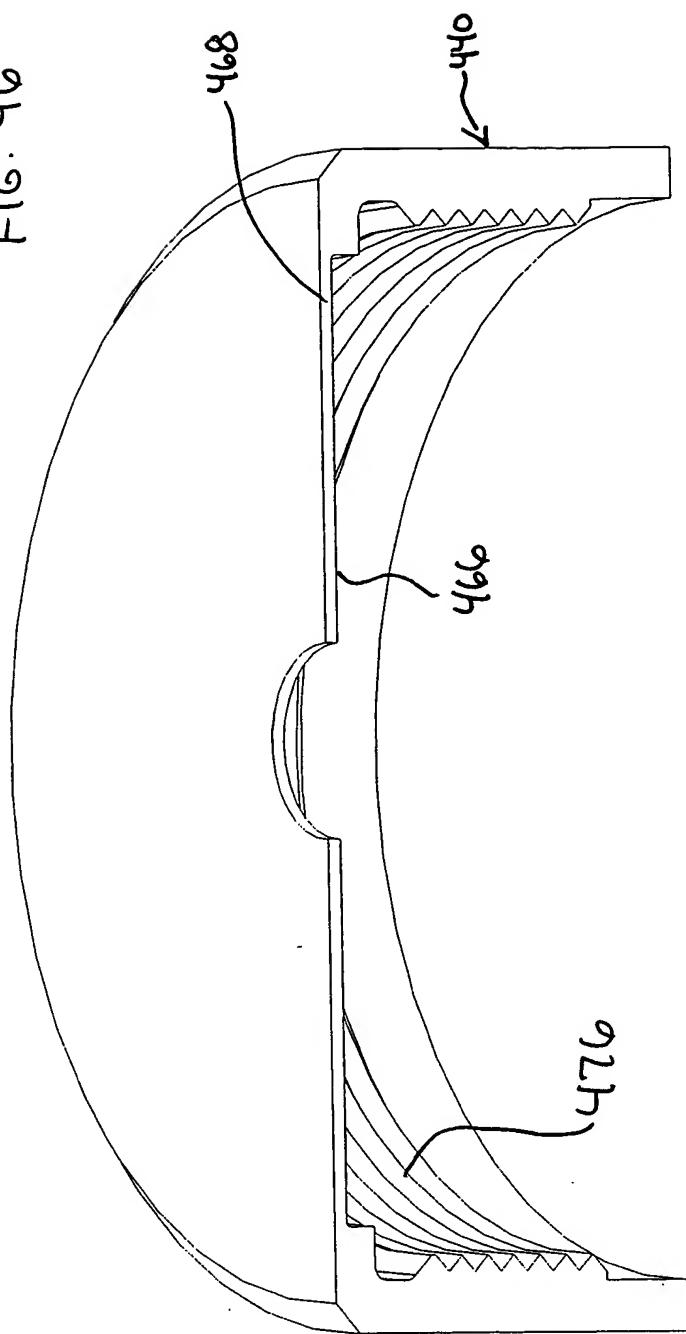
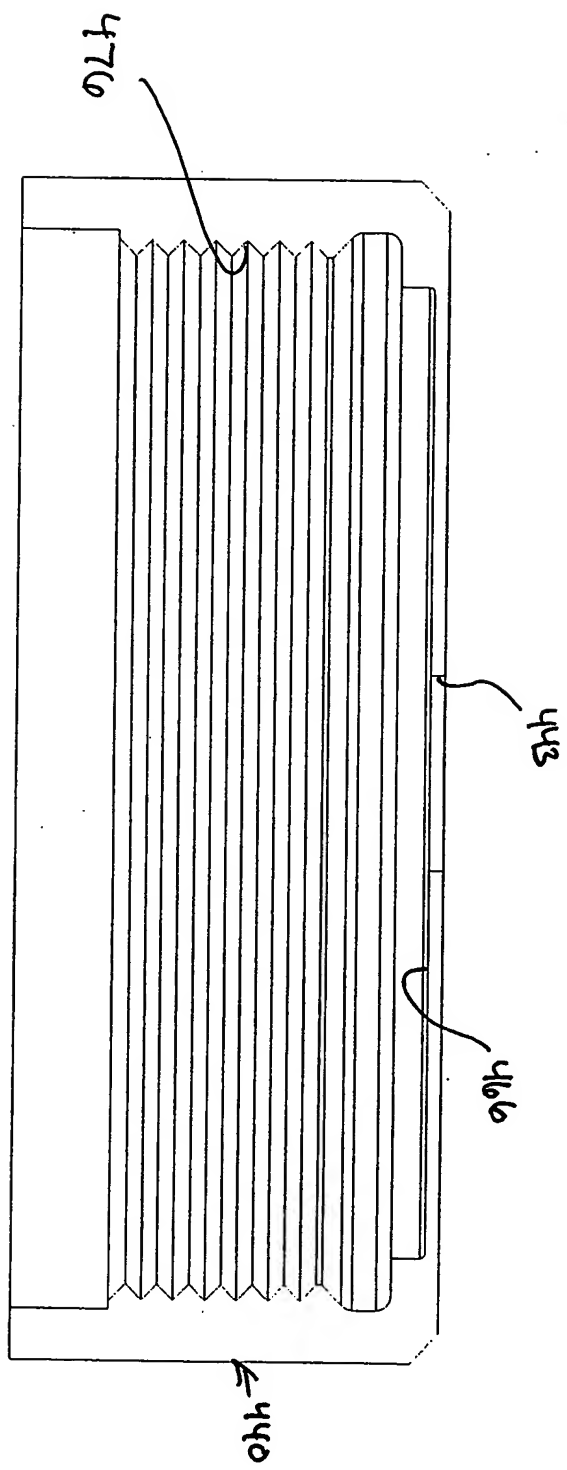
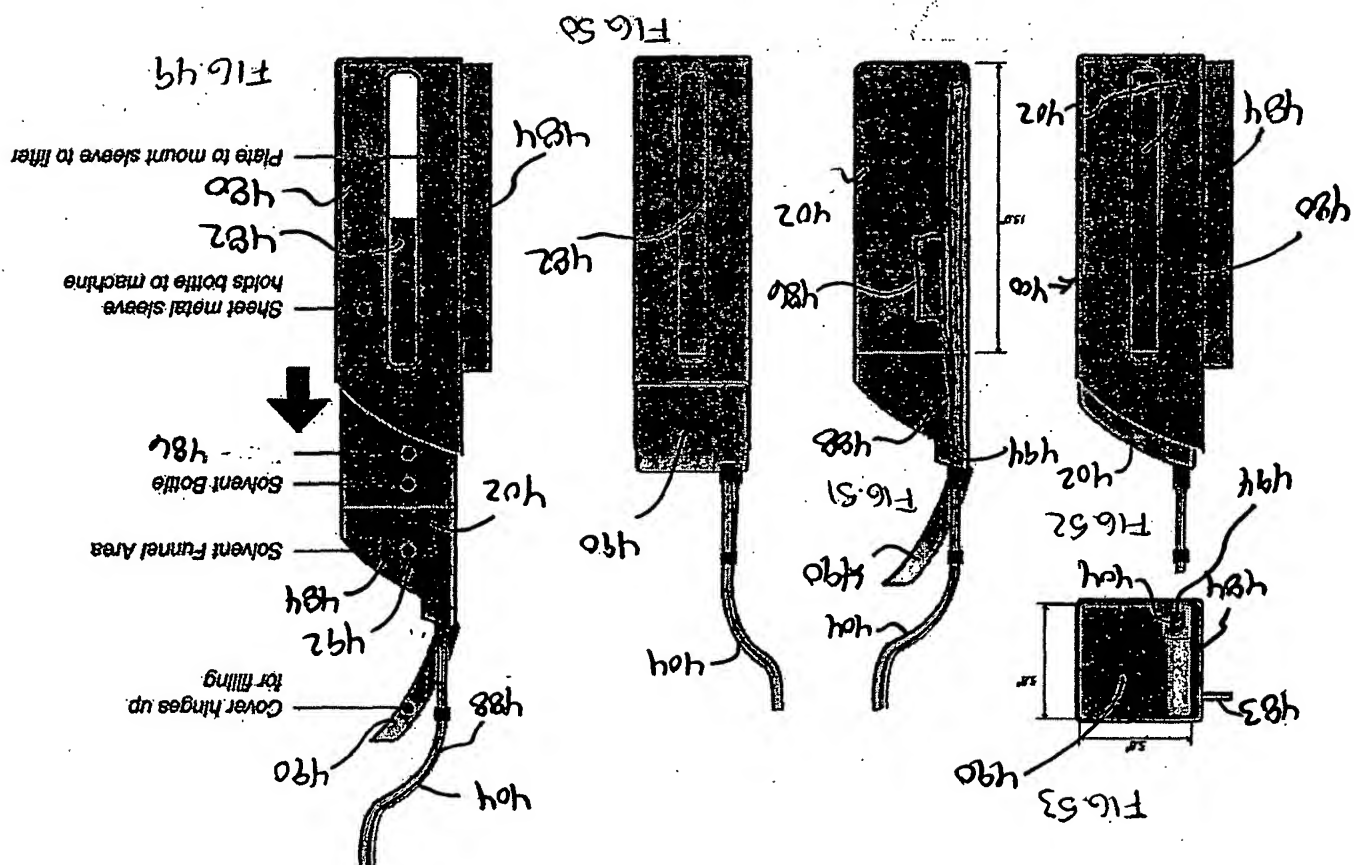


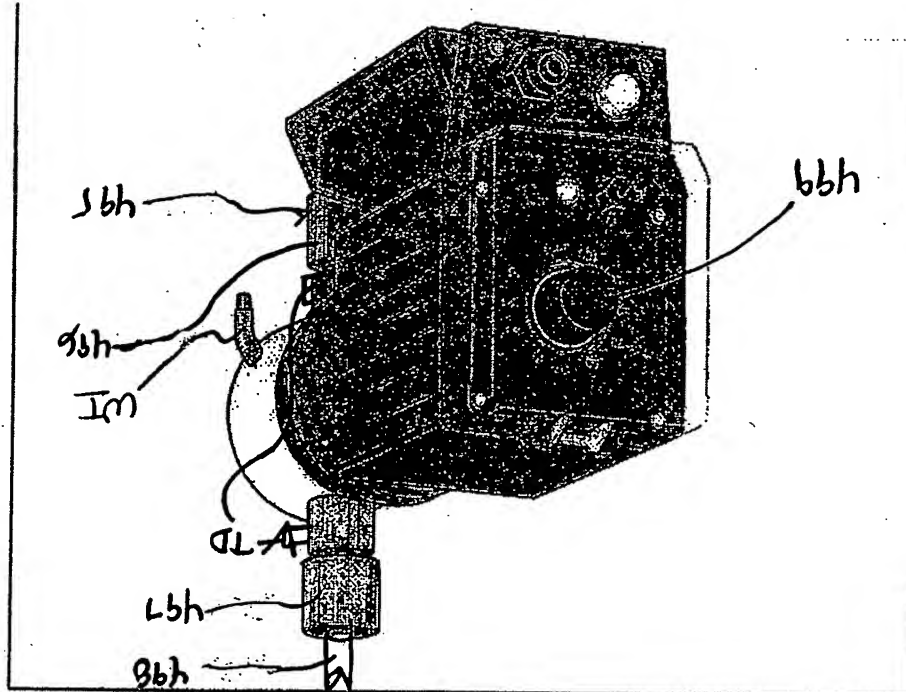
FIG. 47

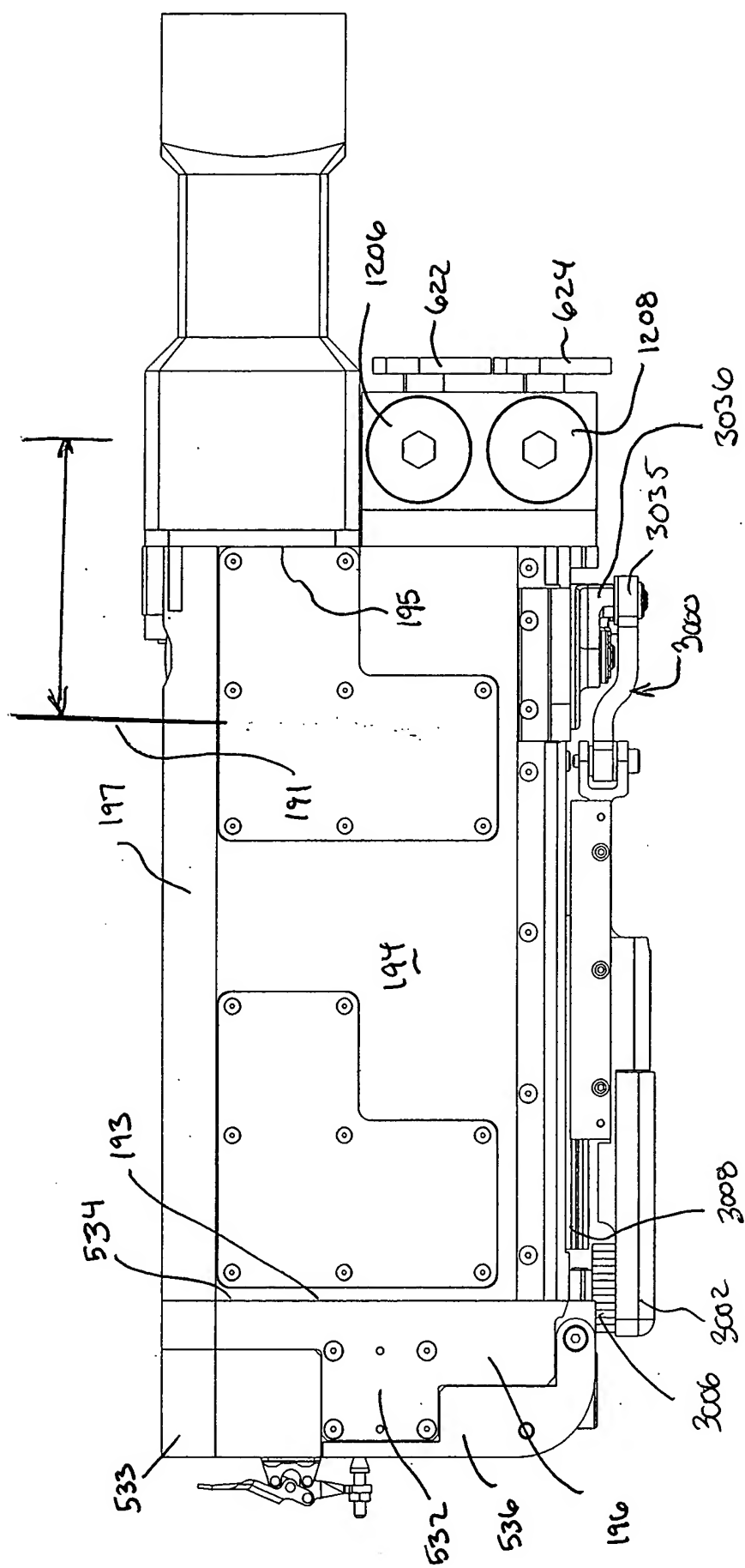


[illegible][illegible]

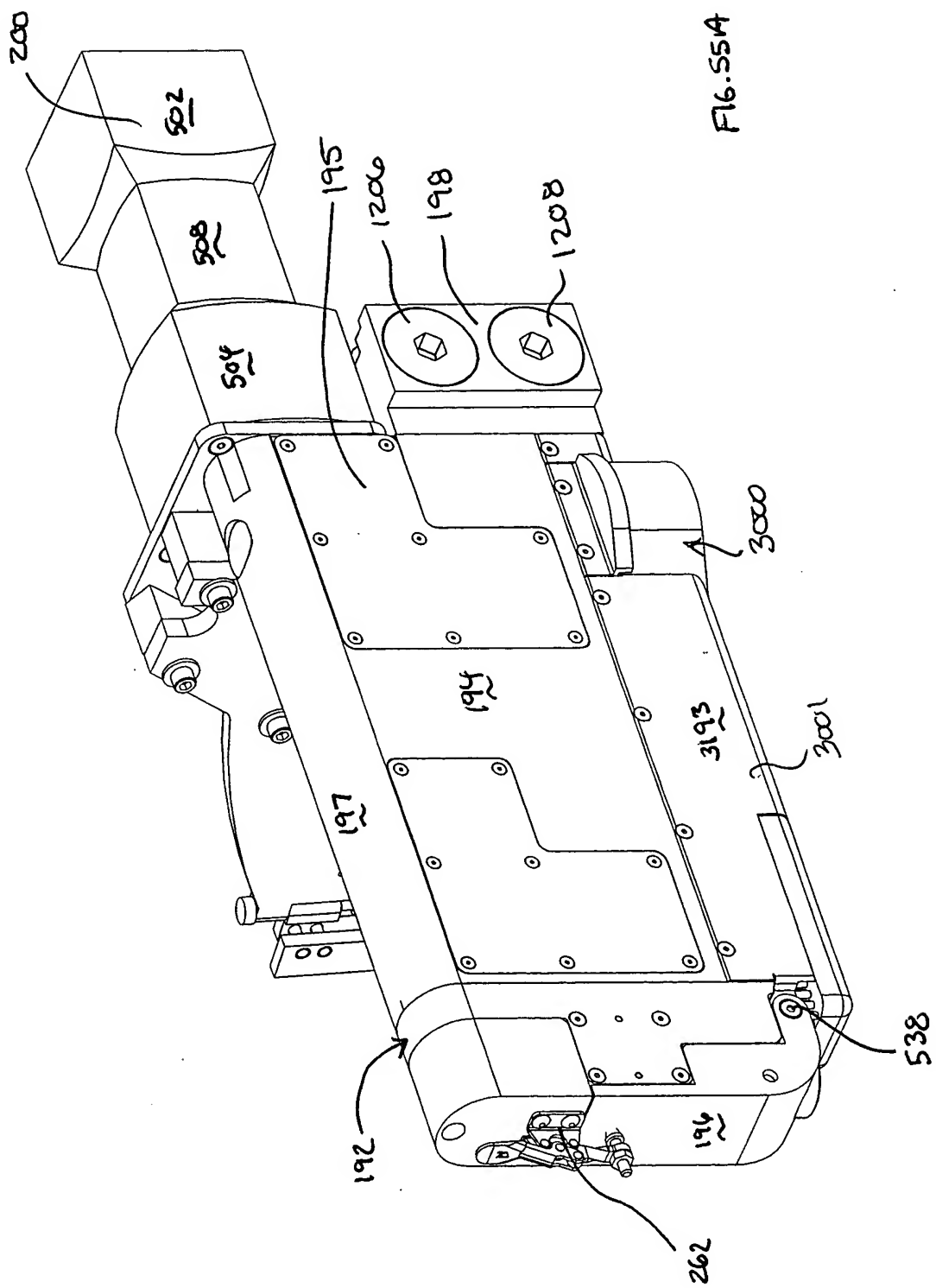


F16.54



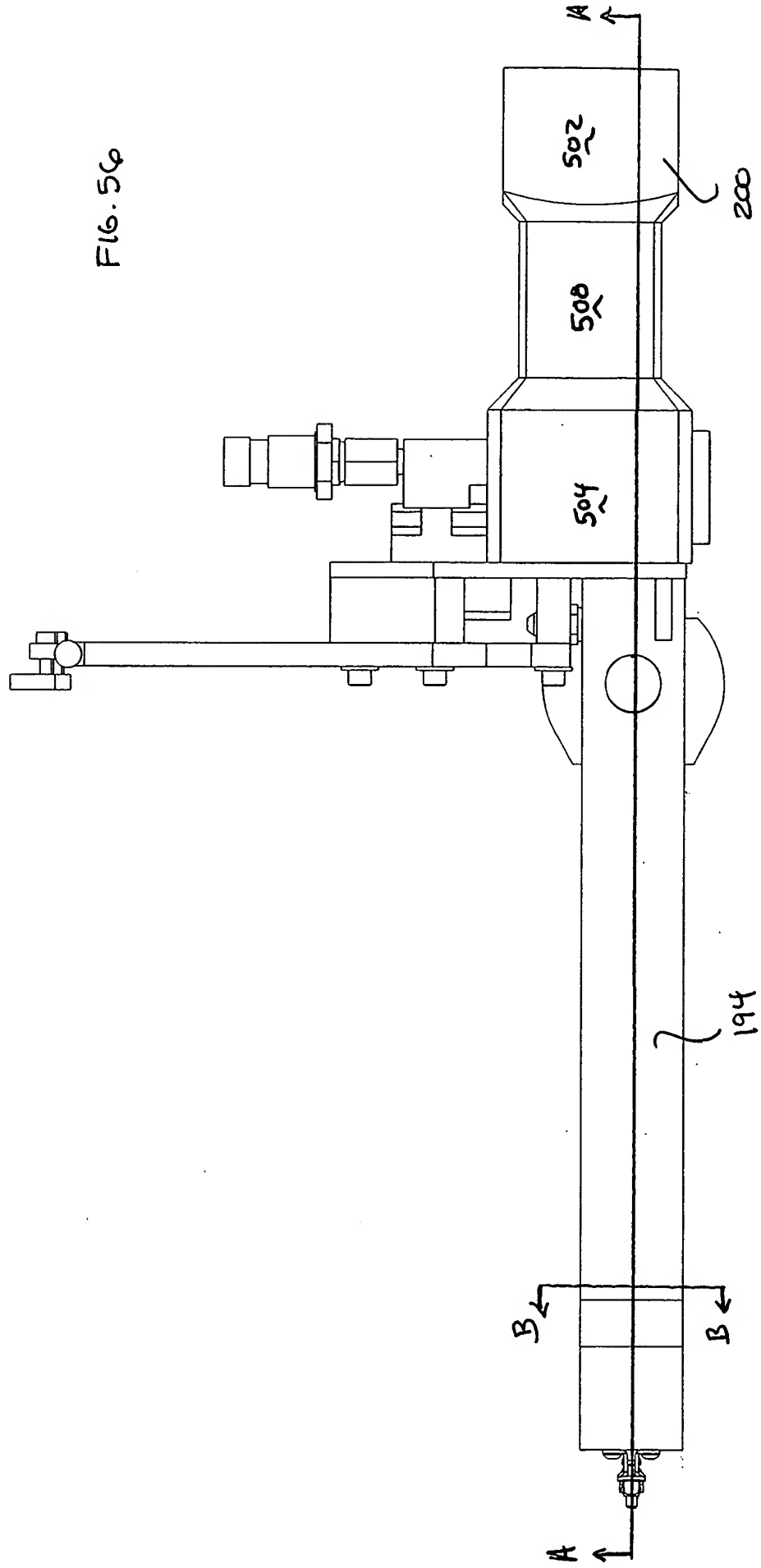


55.913



Fl6.55A

FIG. 56



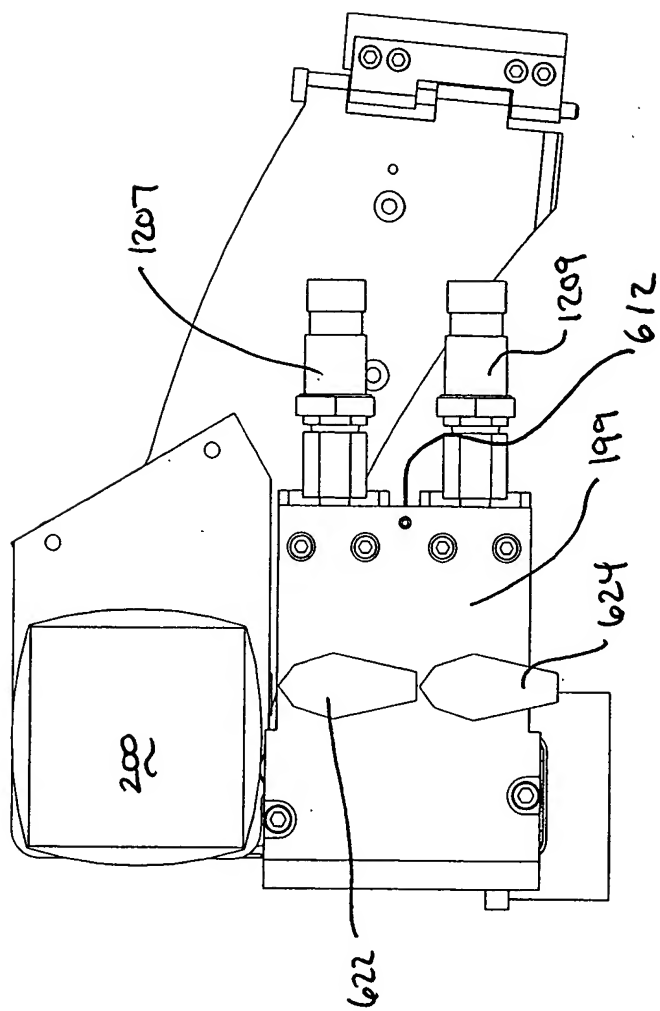


FIG. 57

FIG. 58

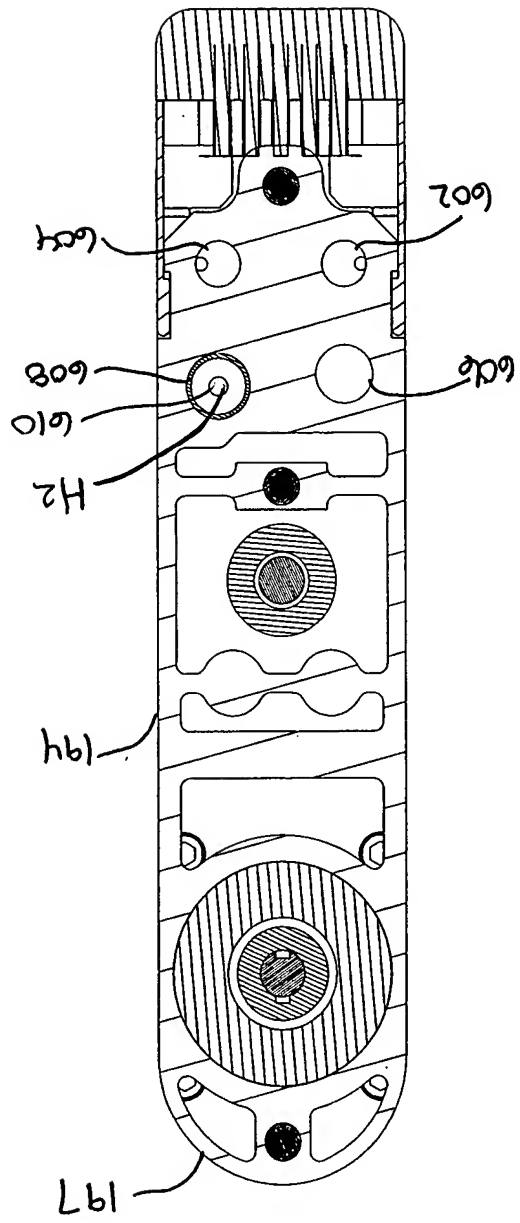




FIG. 60

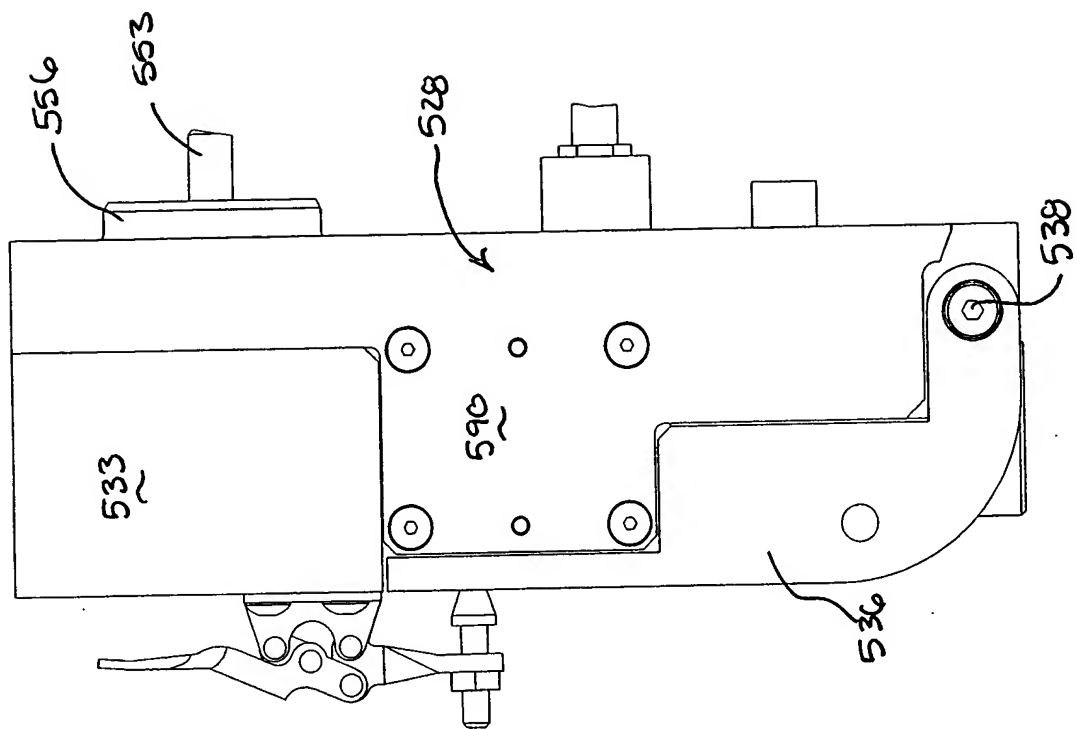
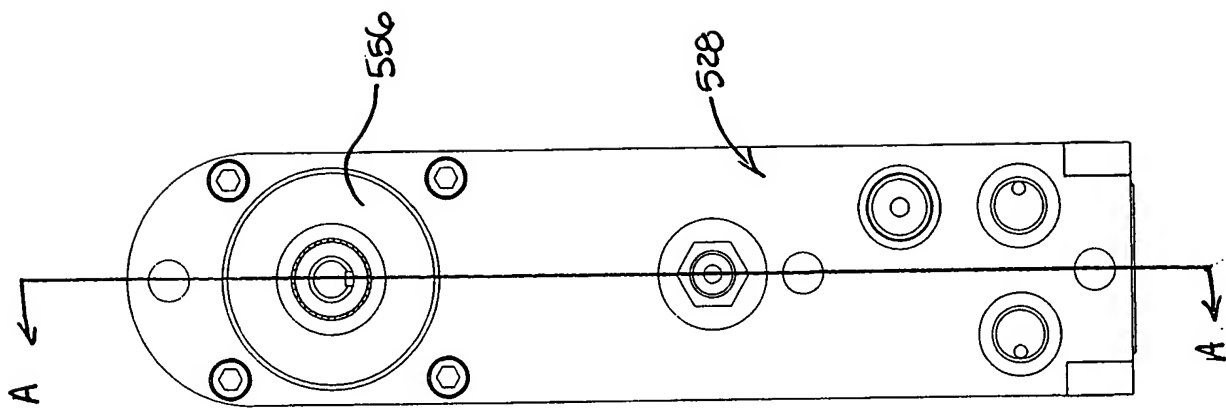


FIG. 61



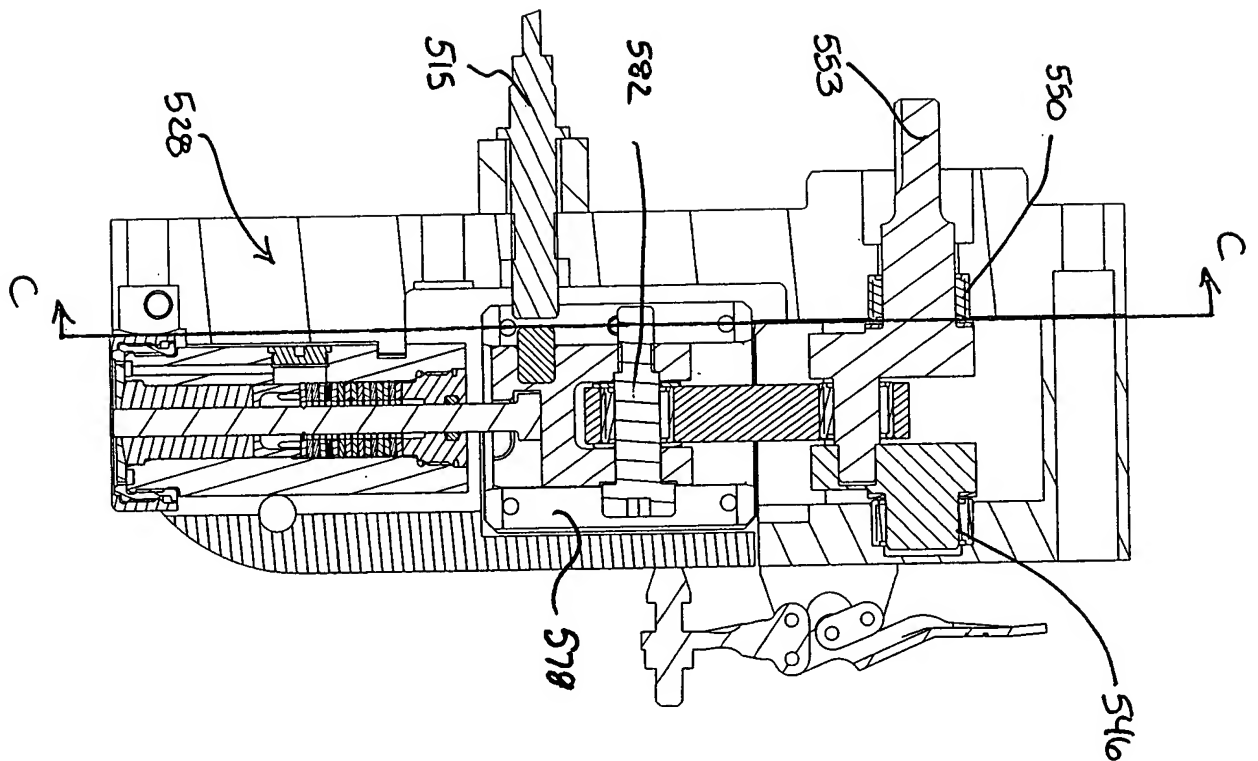


FIG. 62

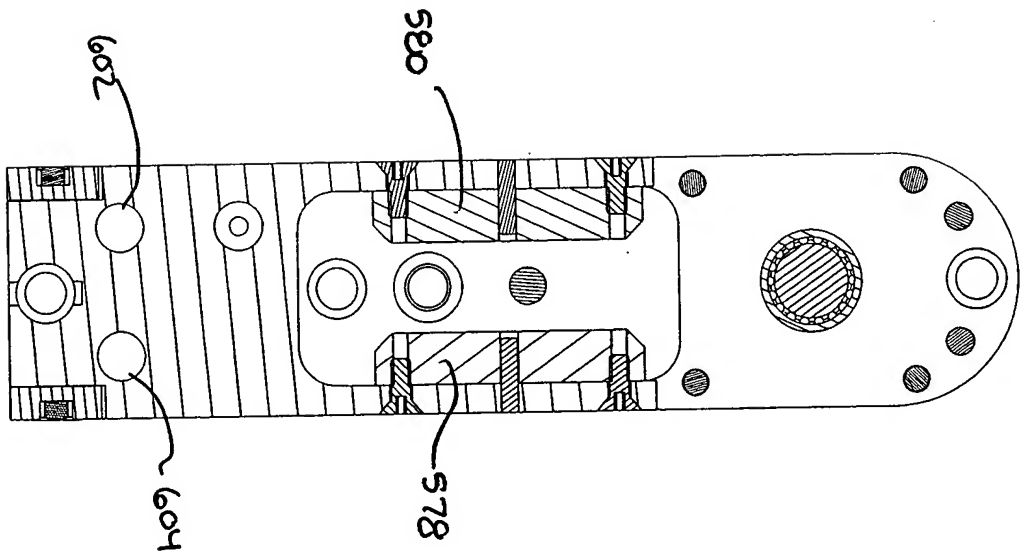
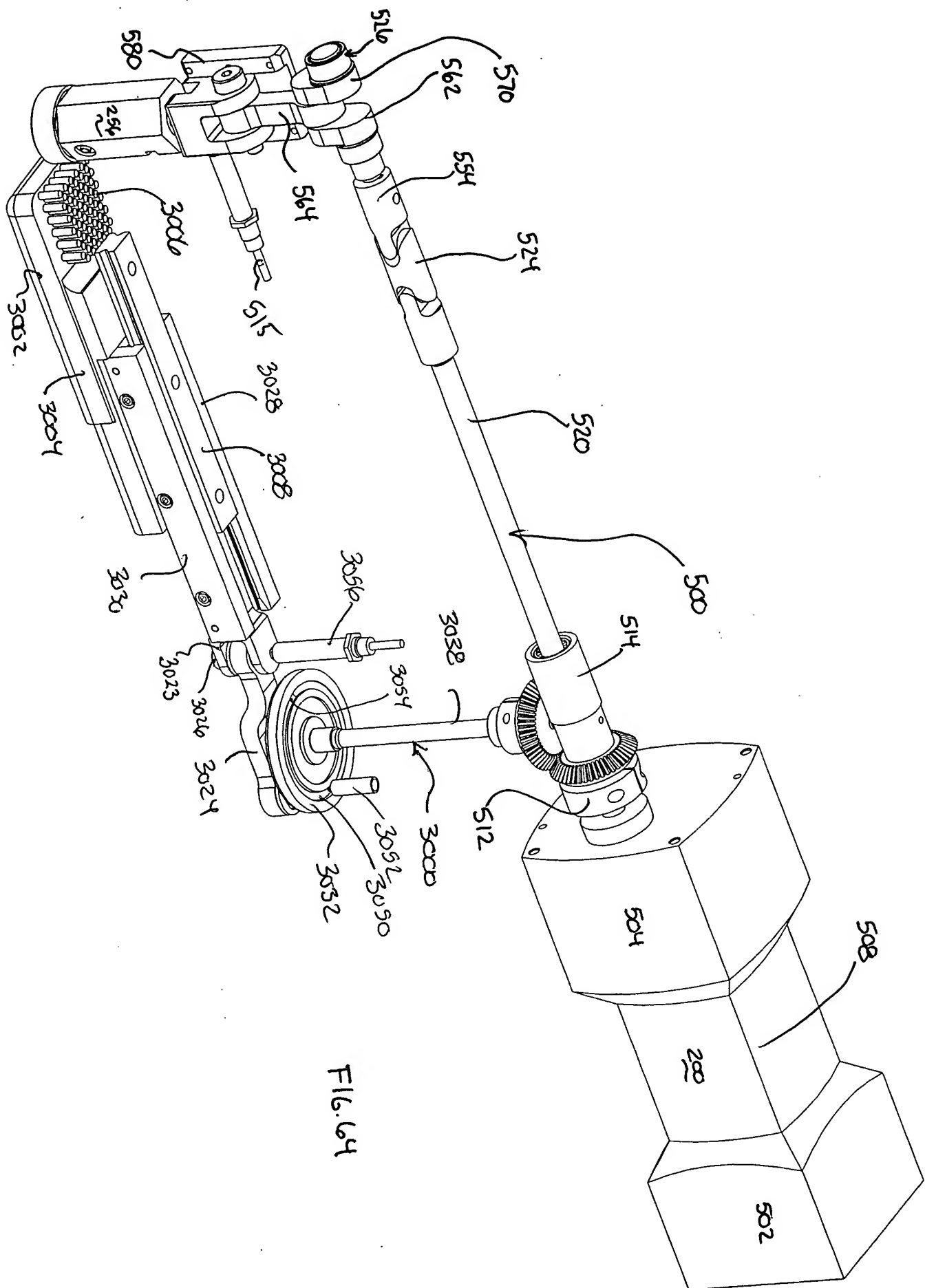


FIG. 63



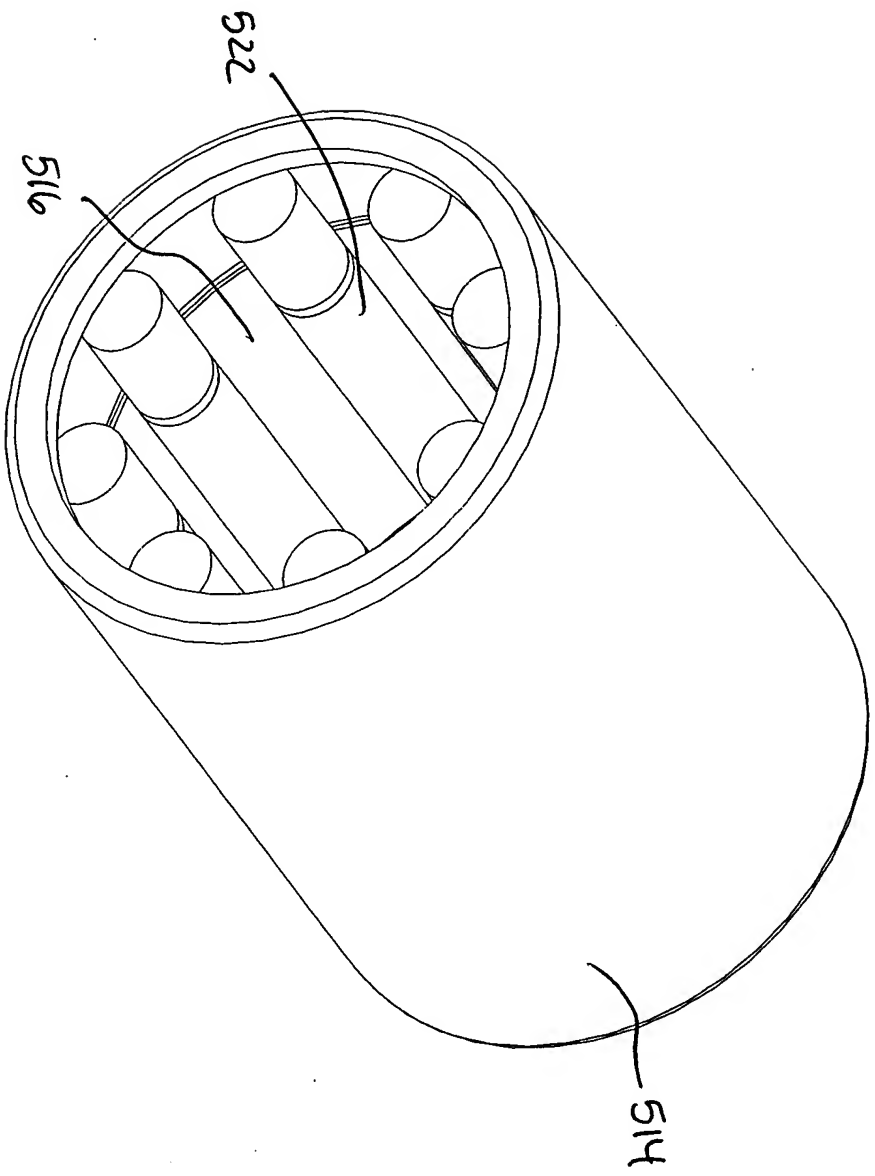


FIG. 65

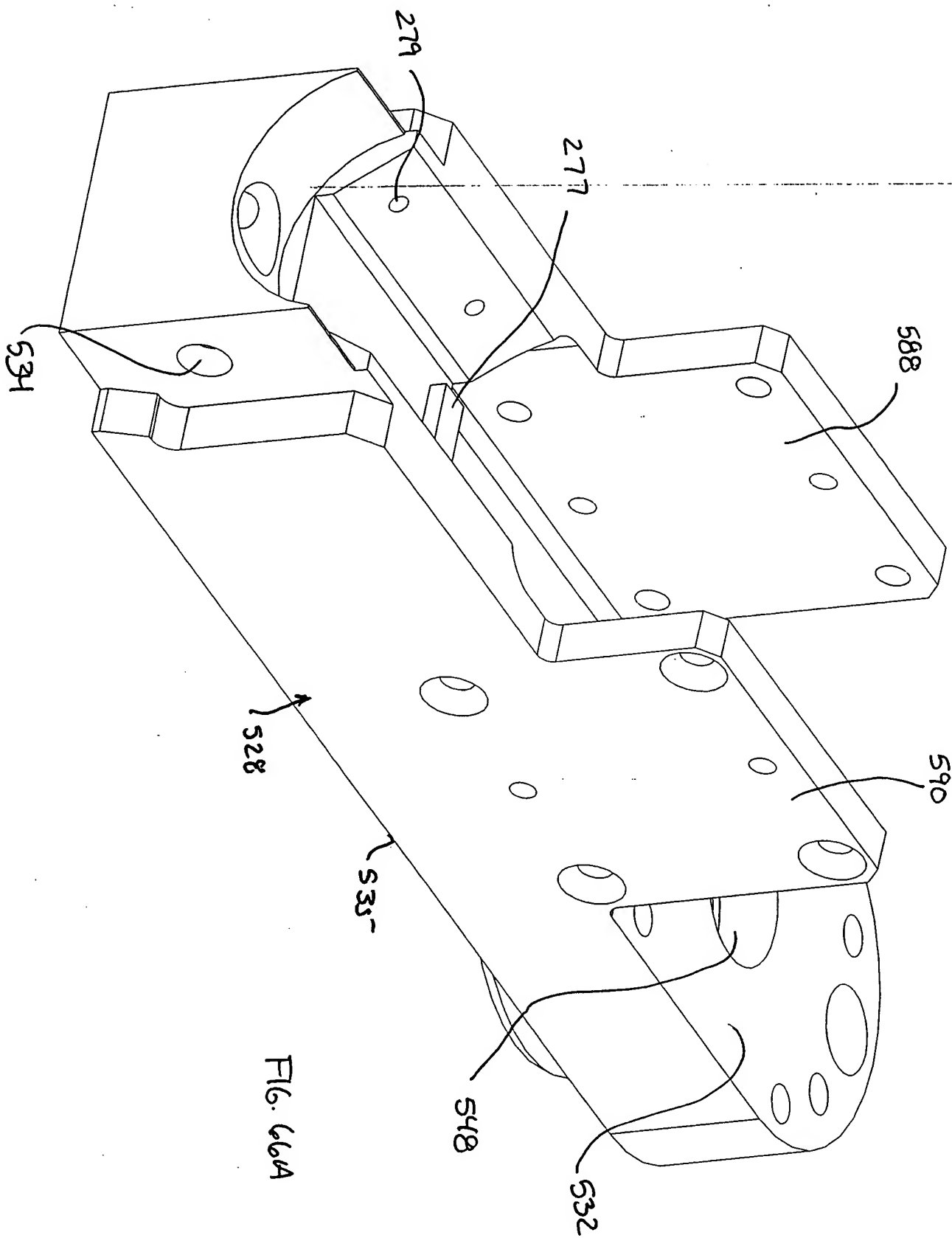


FIG. 66A

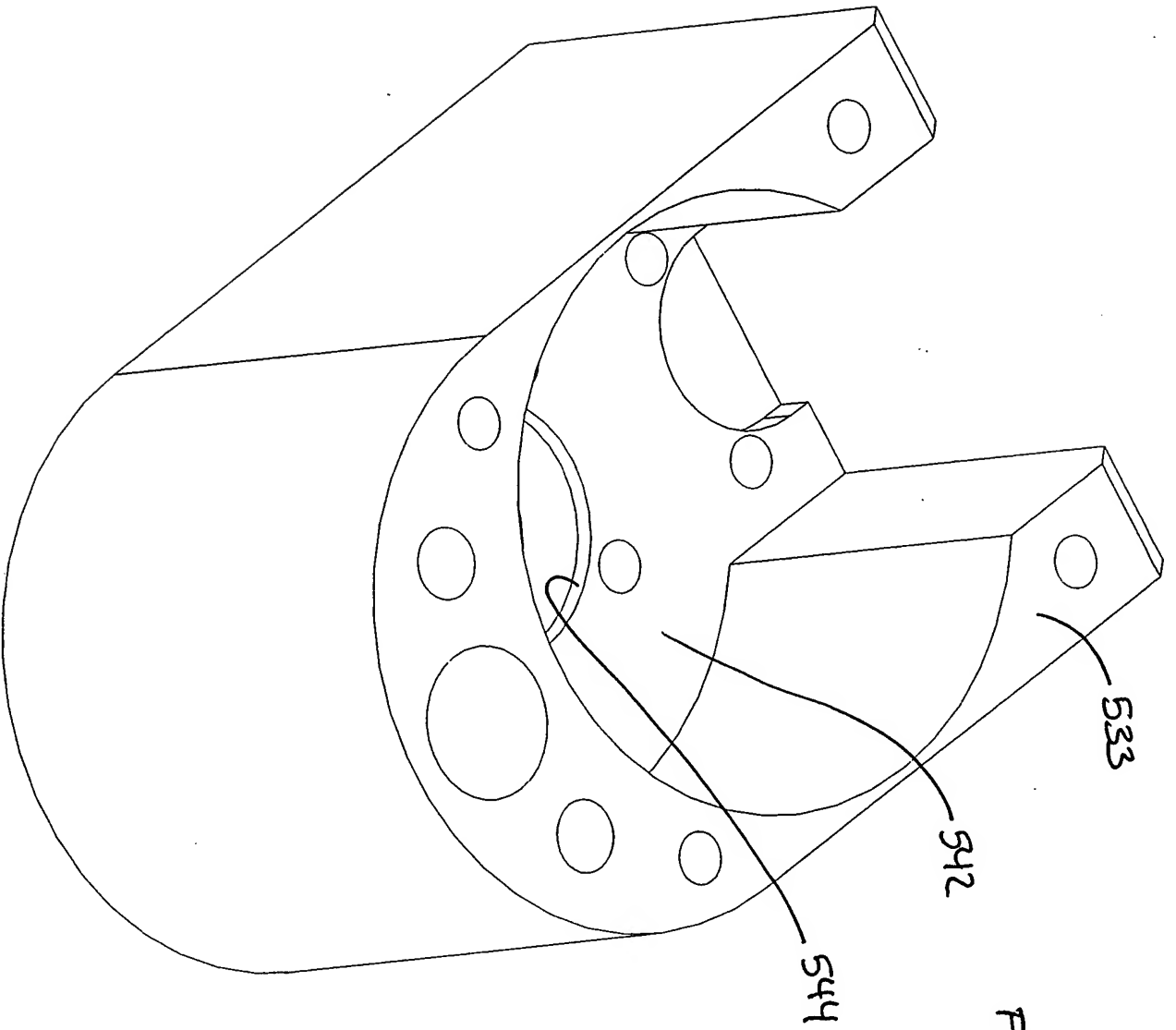


FIG. 66B

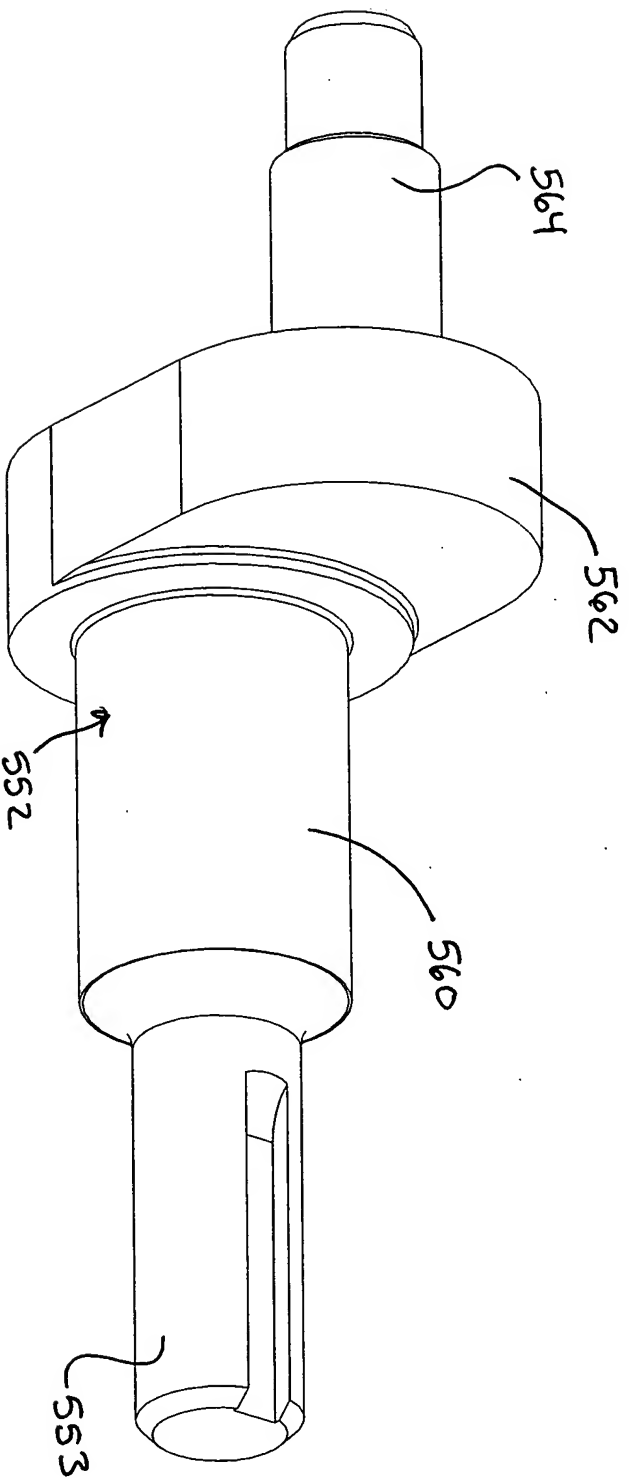


FIG. 67

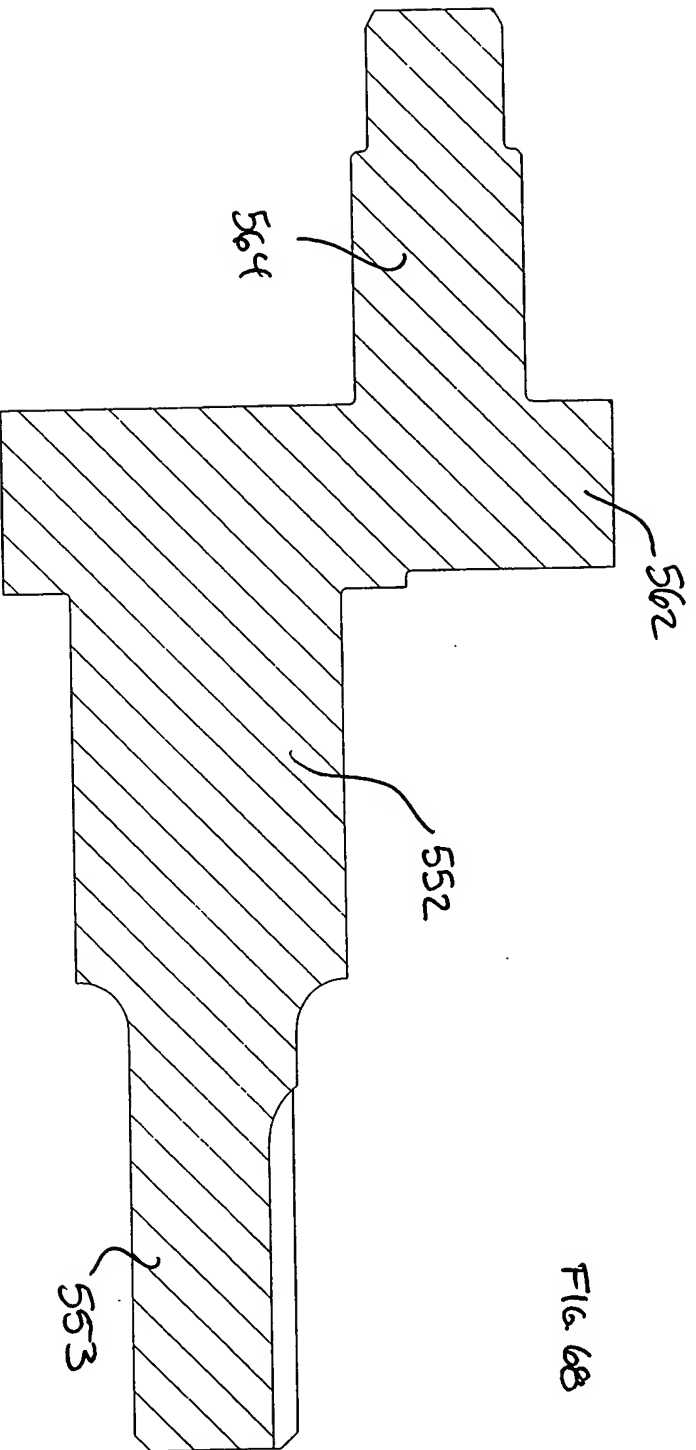


FIG. 6B

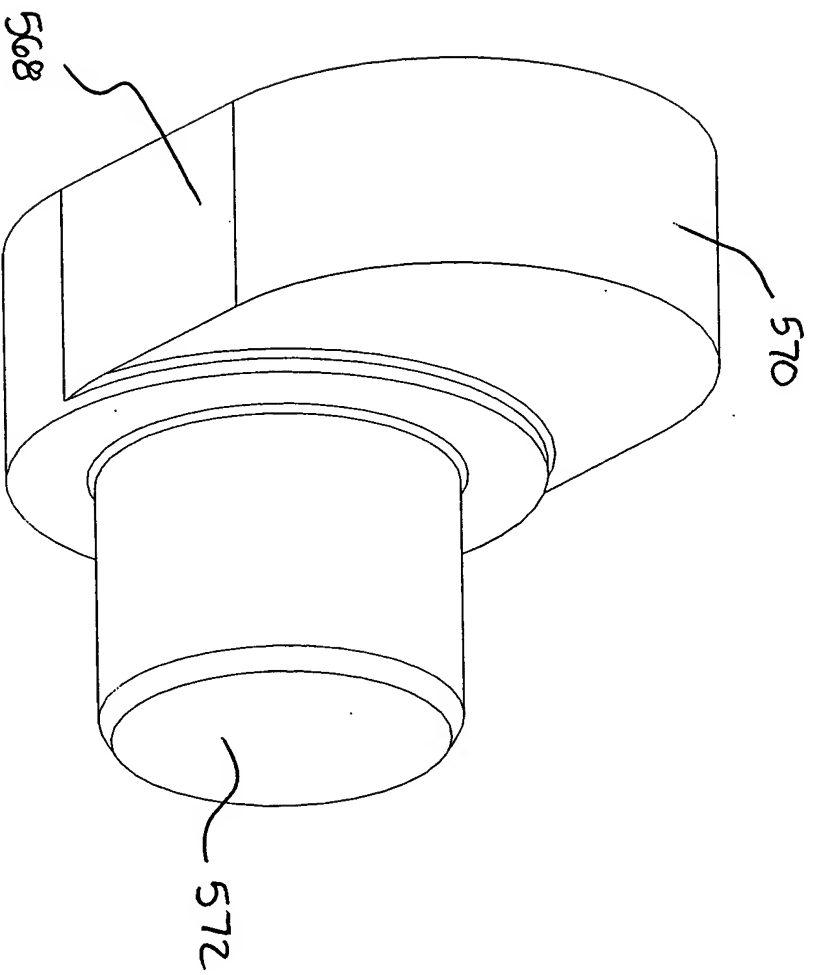


FIG. 69

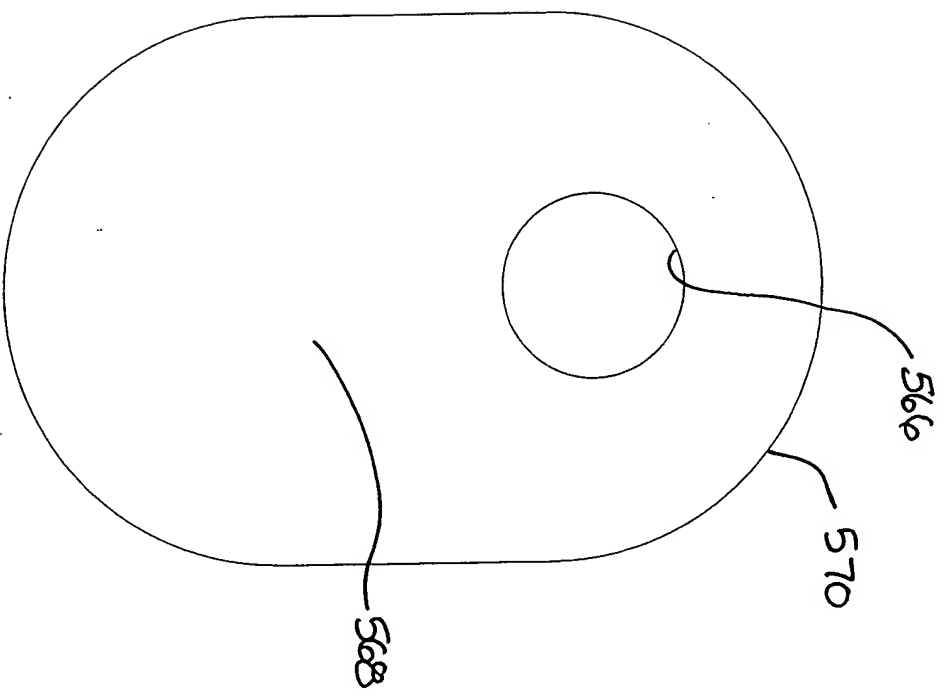


FIG. 70

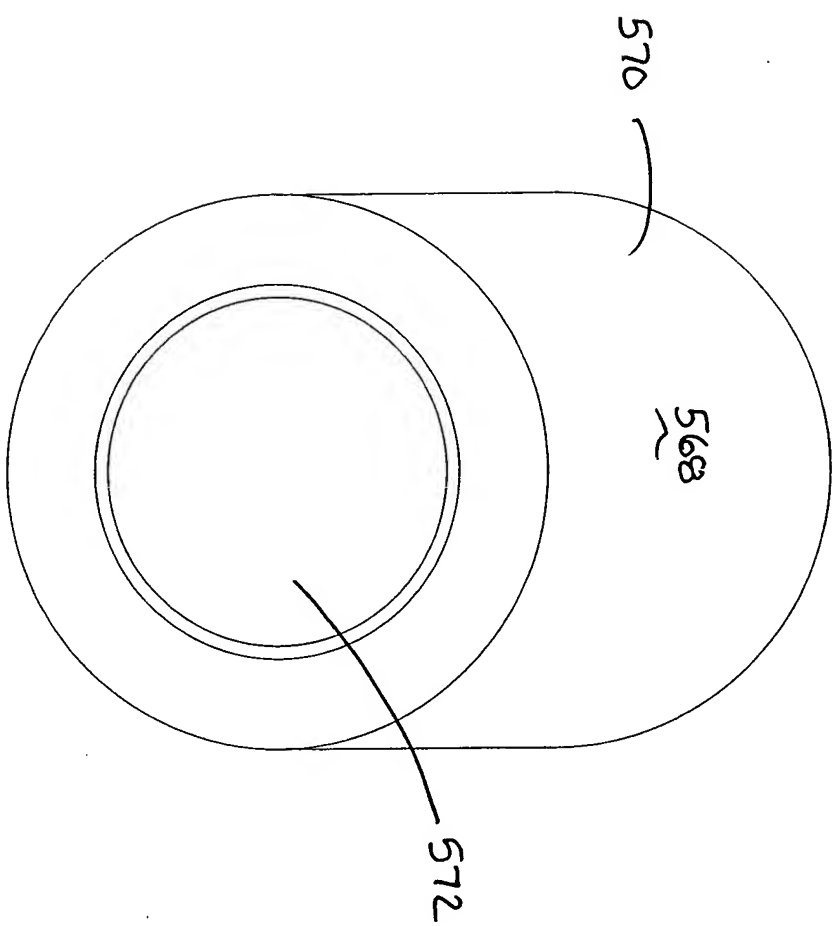


FIG. 71

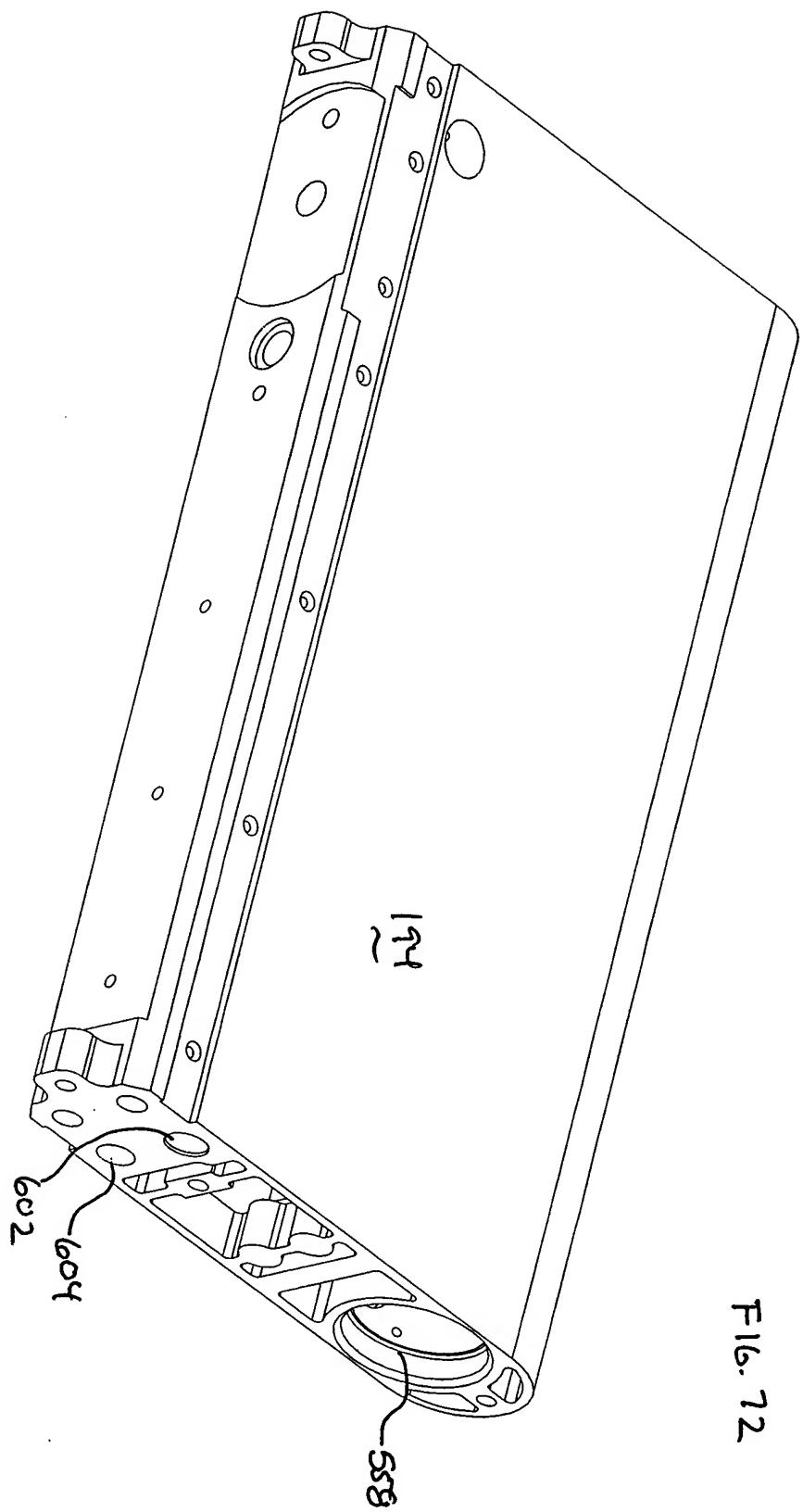


FIG. 72

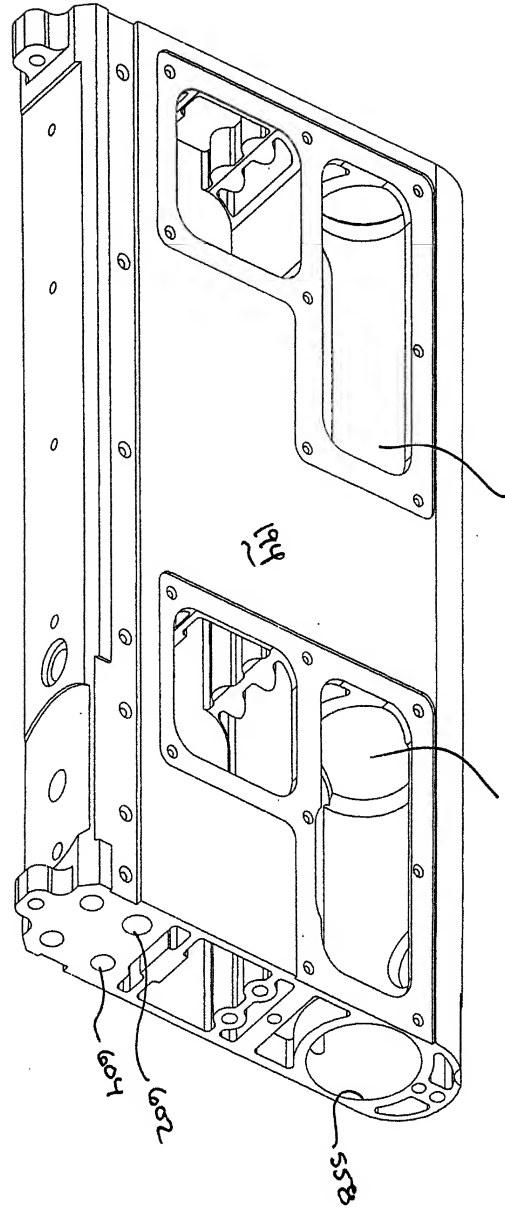


FIG. 12A

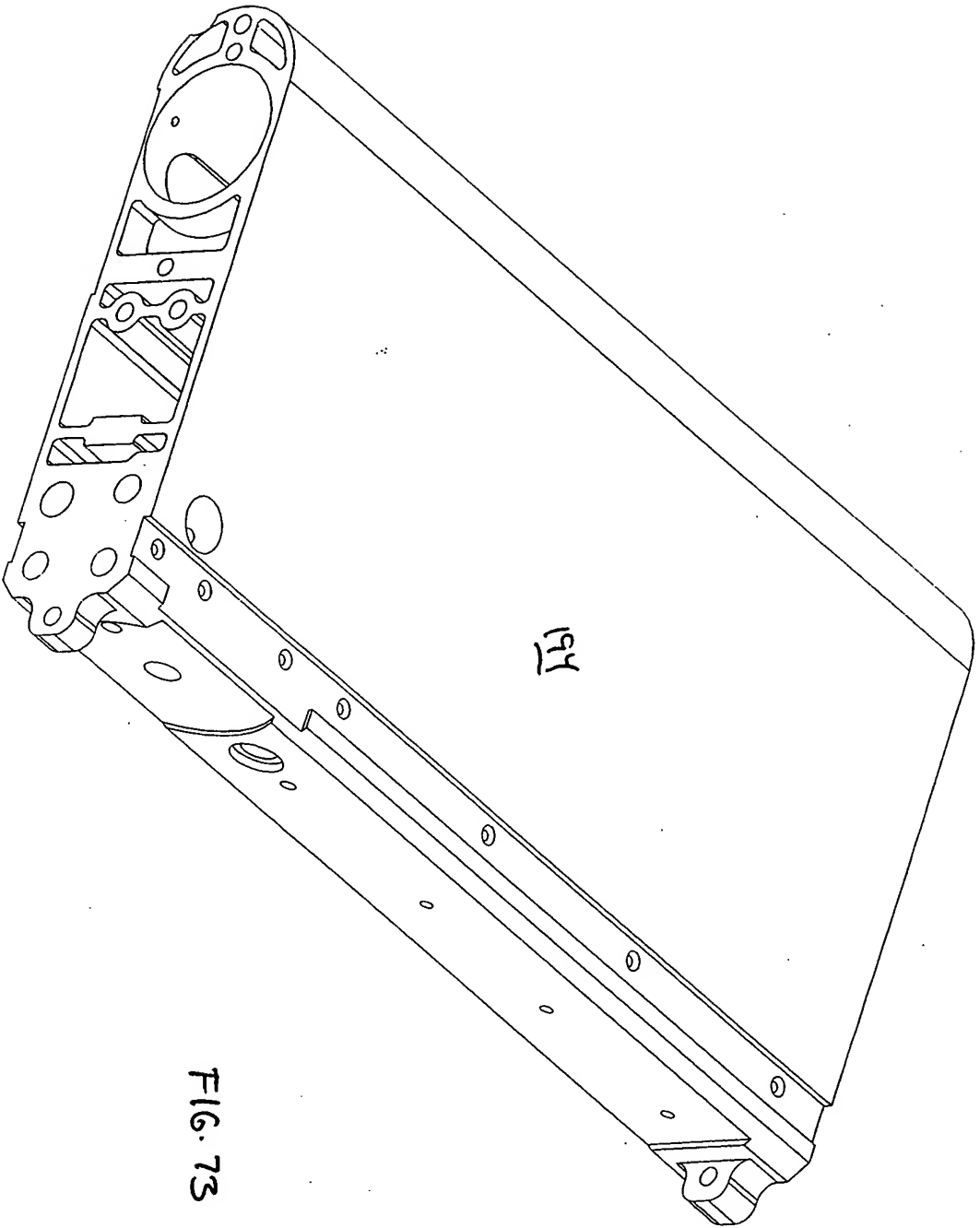
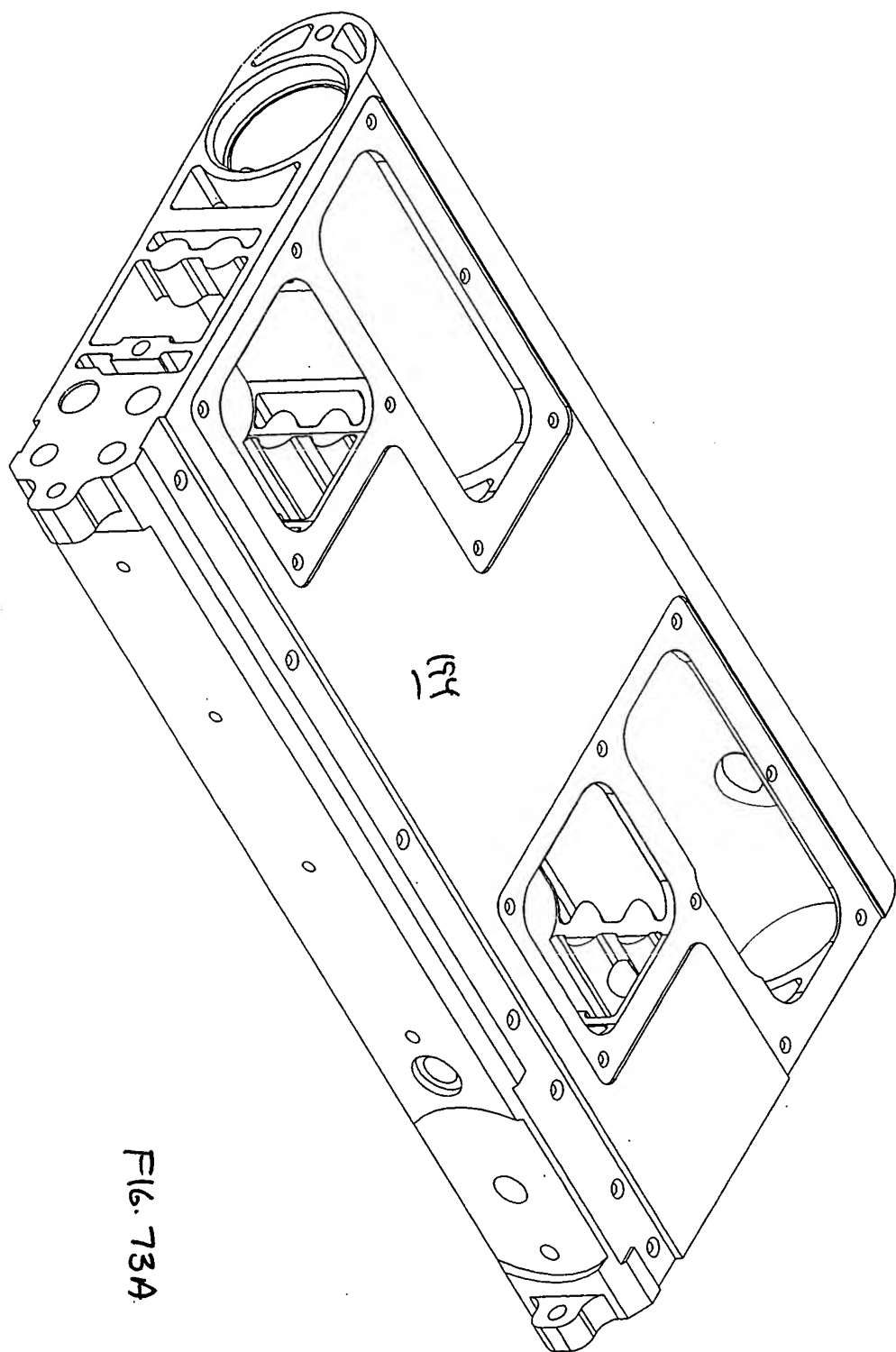


FIG. 73



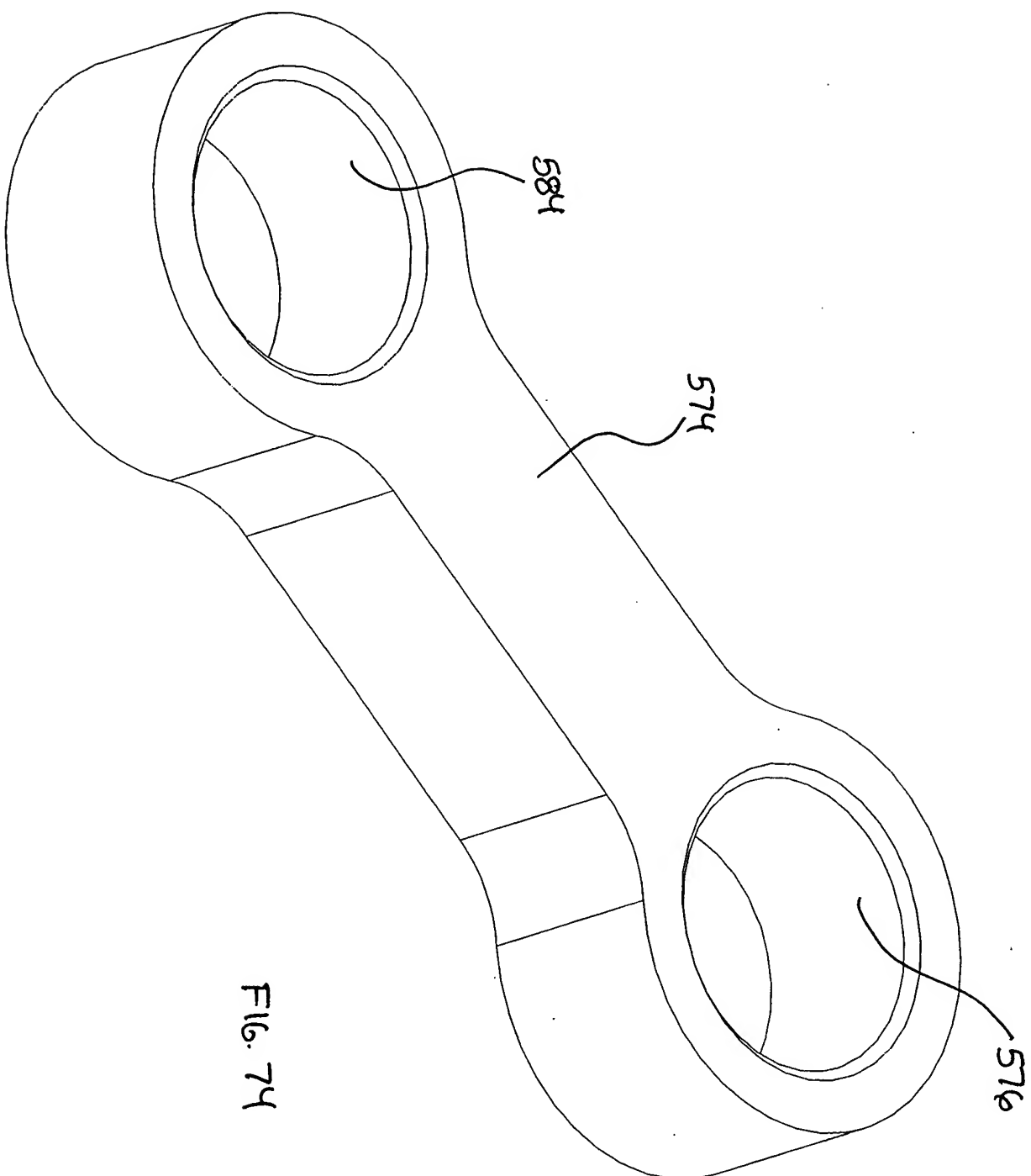


FIG. 74

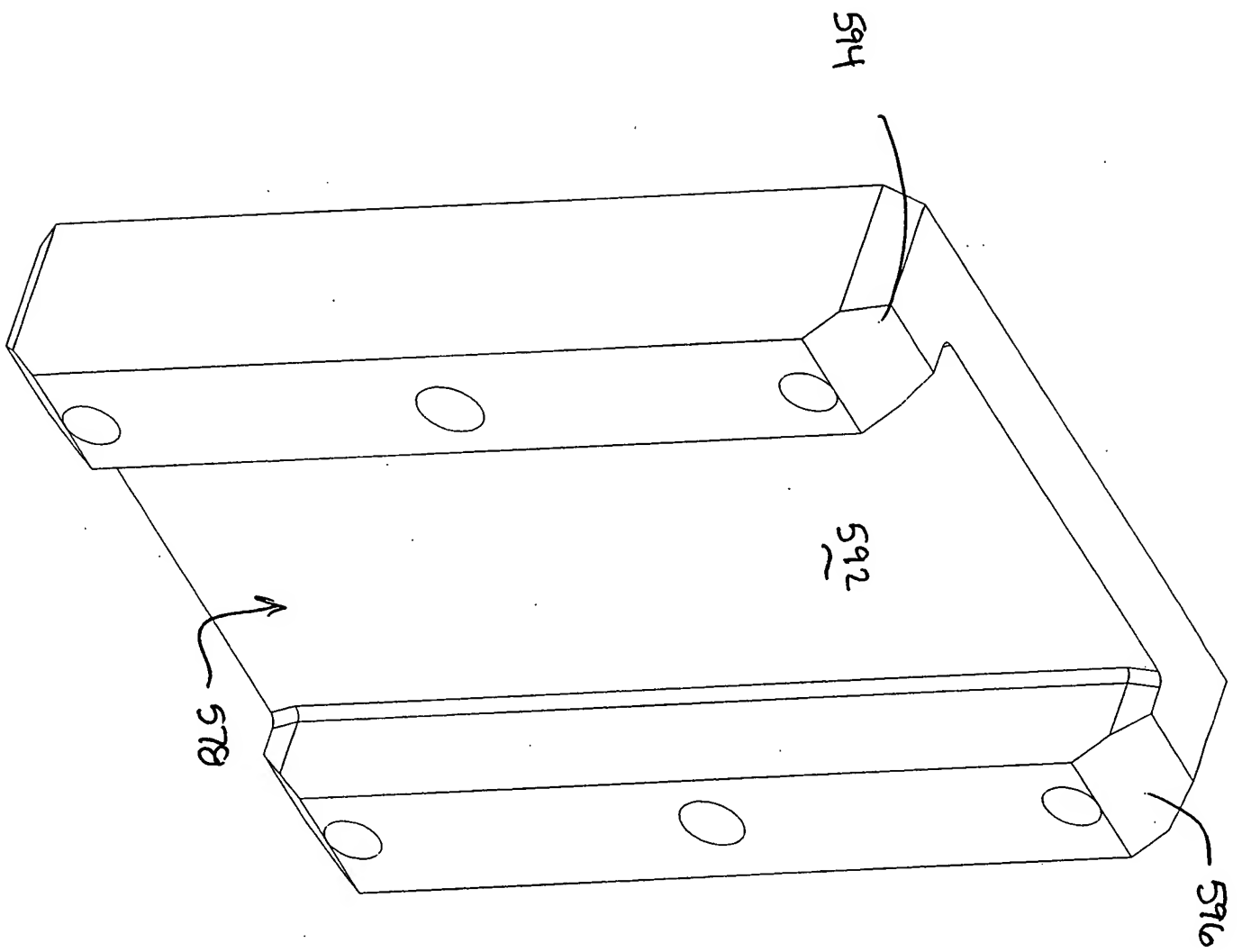


FIG. 75

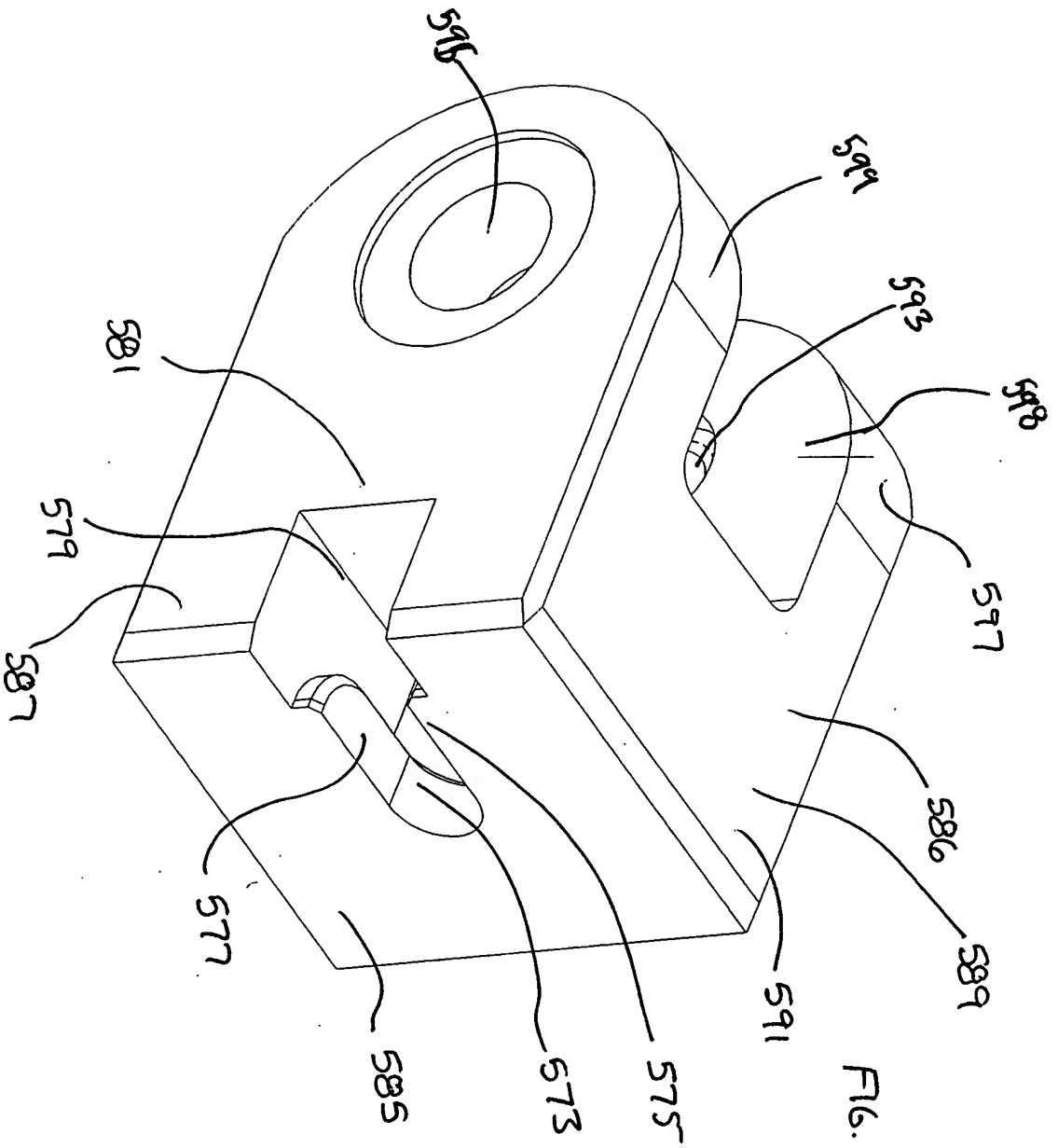


FIG. 76

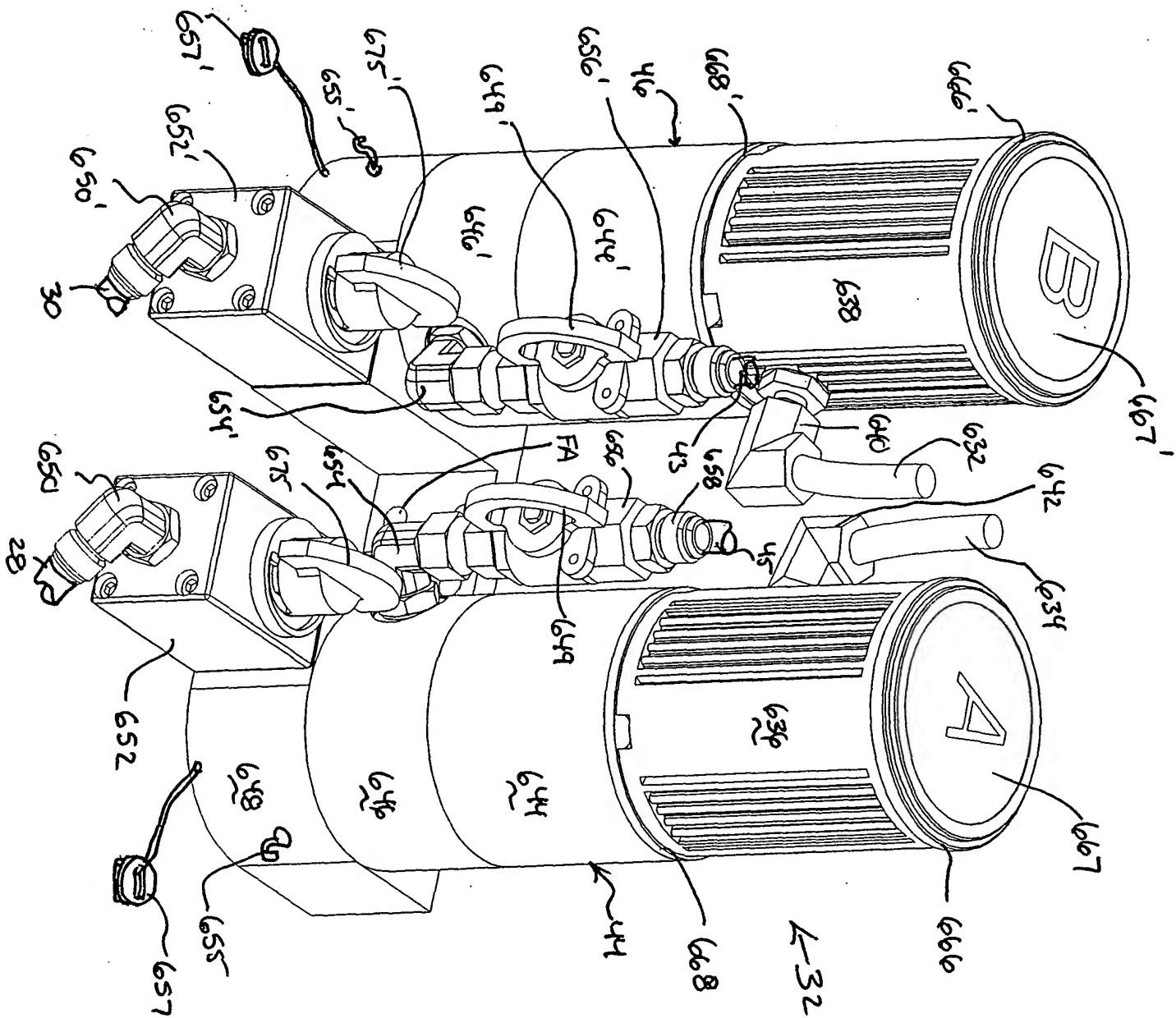


FIG. 77

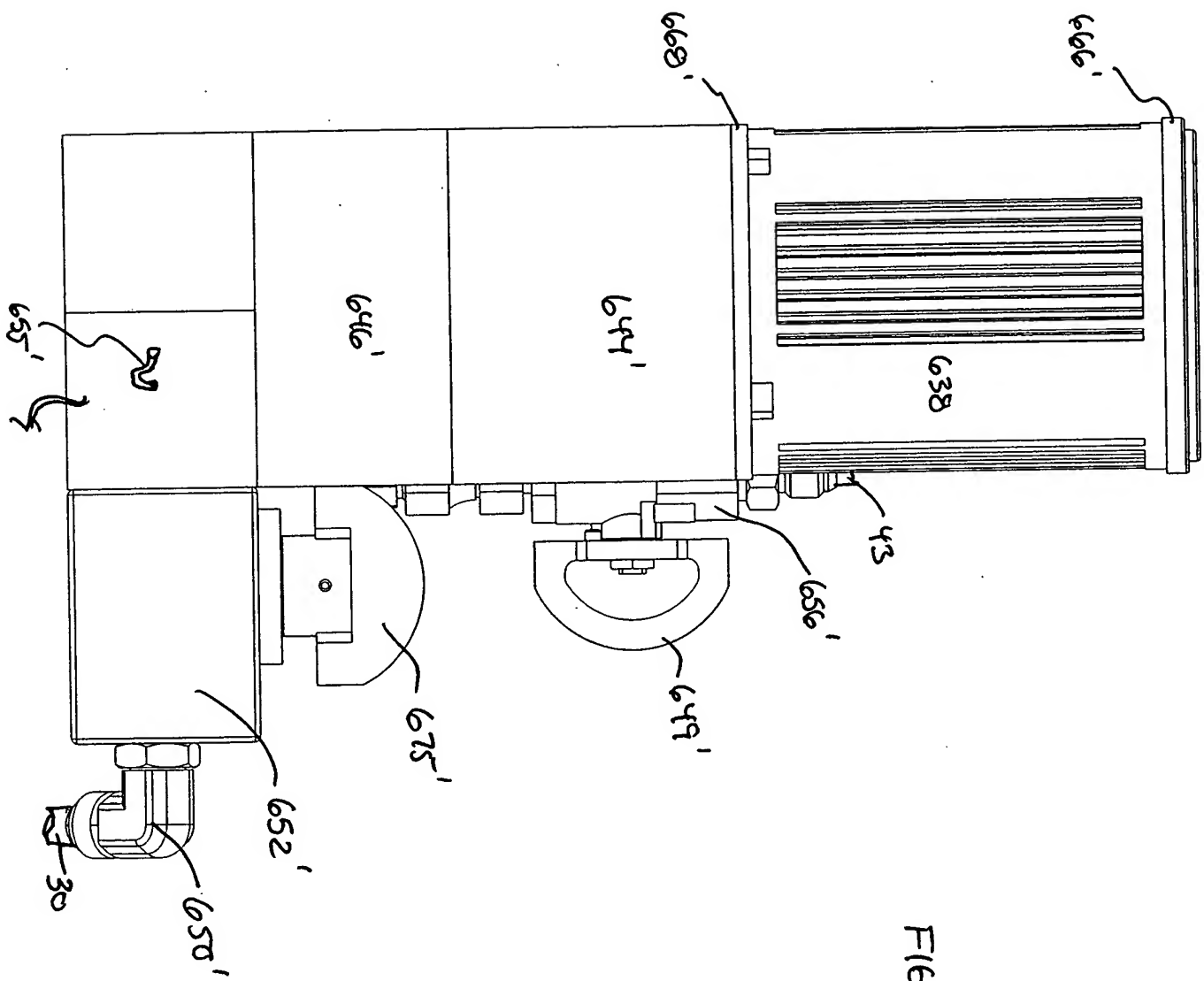


FIG. 77A

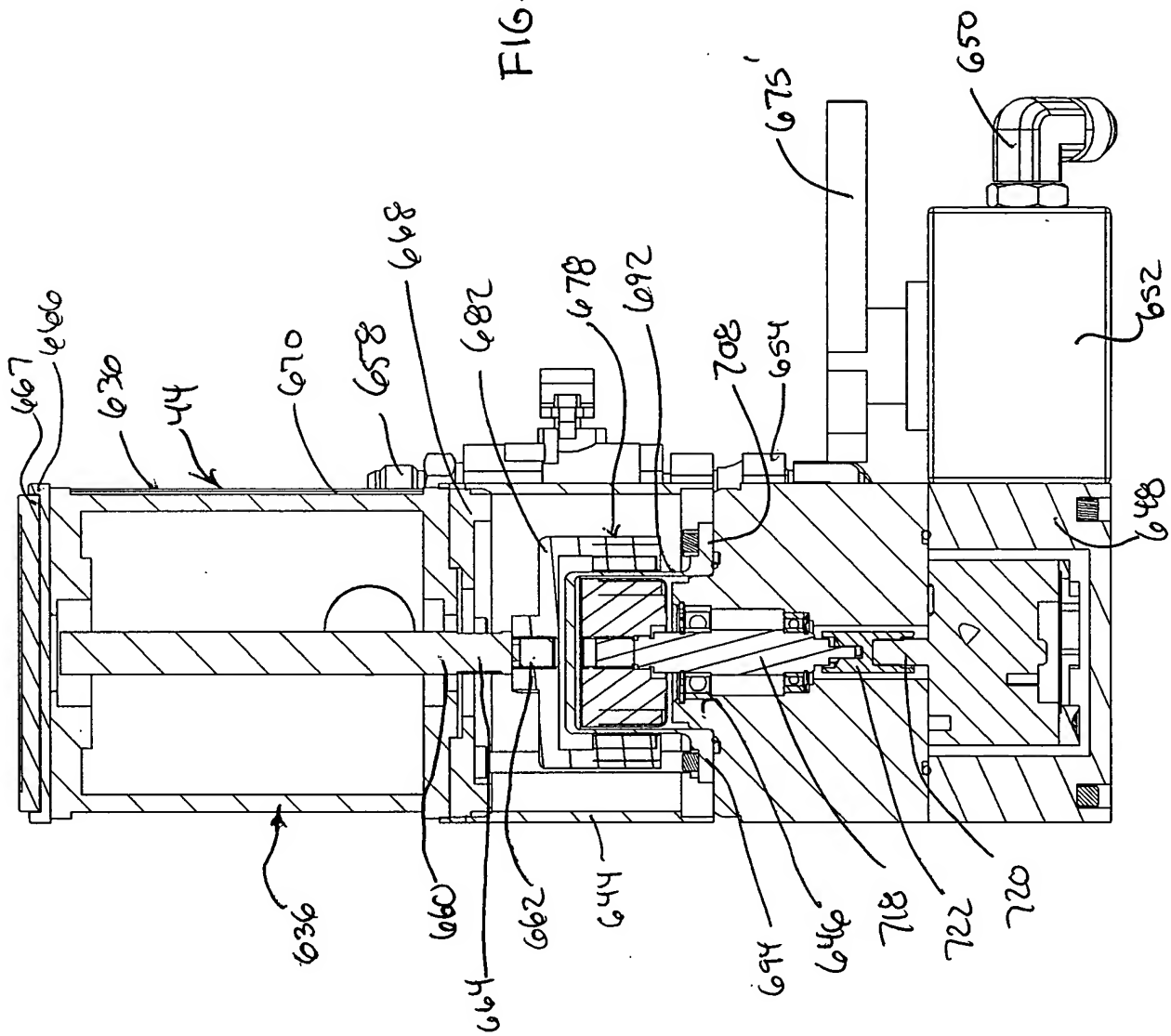


FIG. 78

FIG. 79

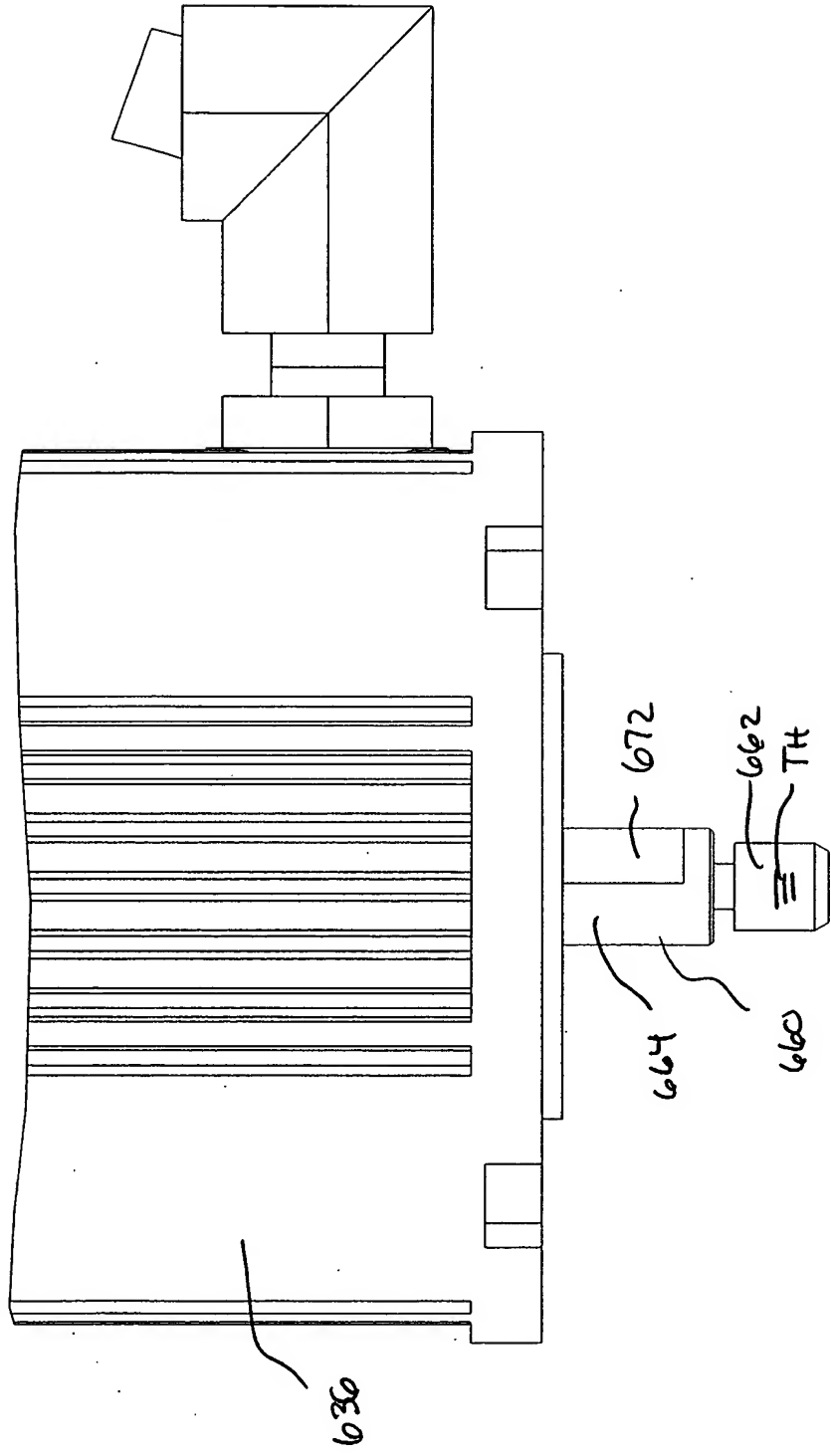
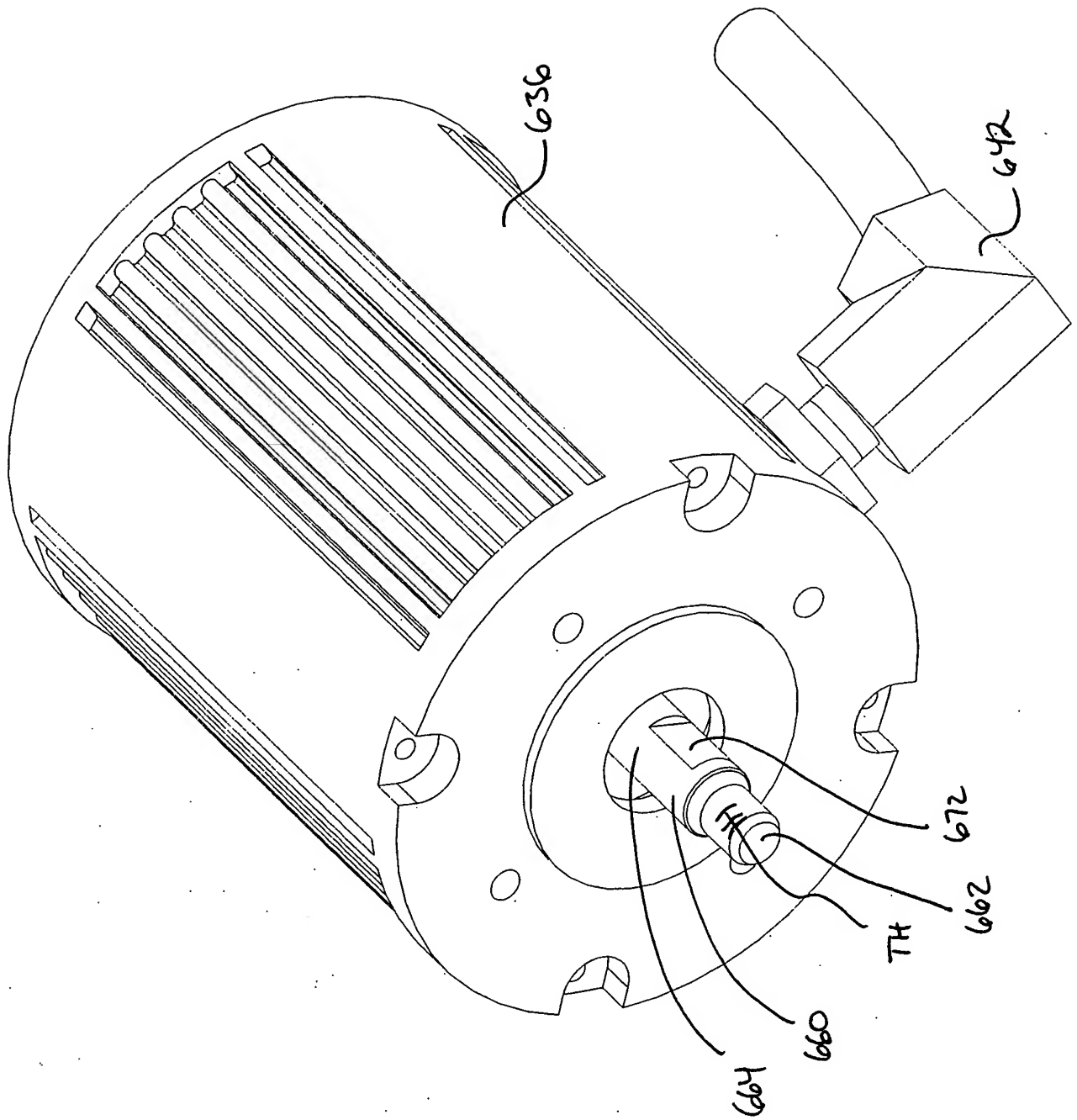


FIG. 80



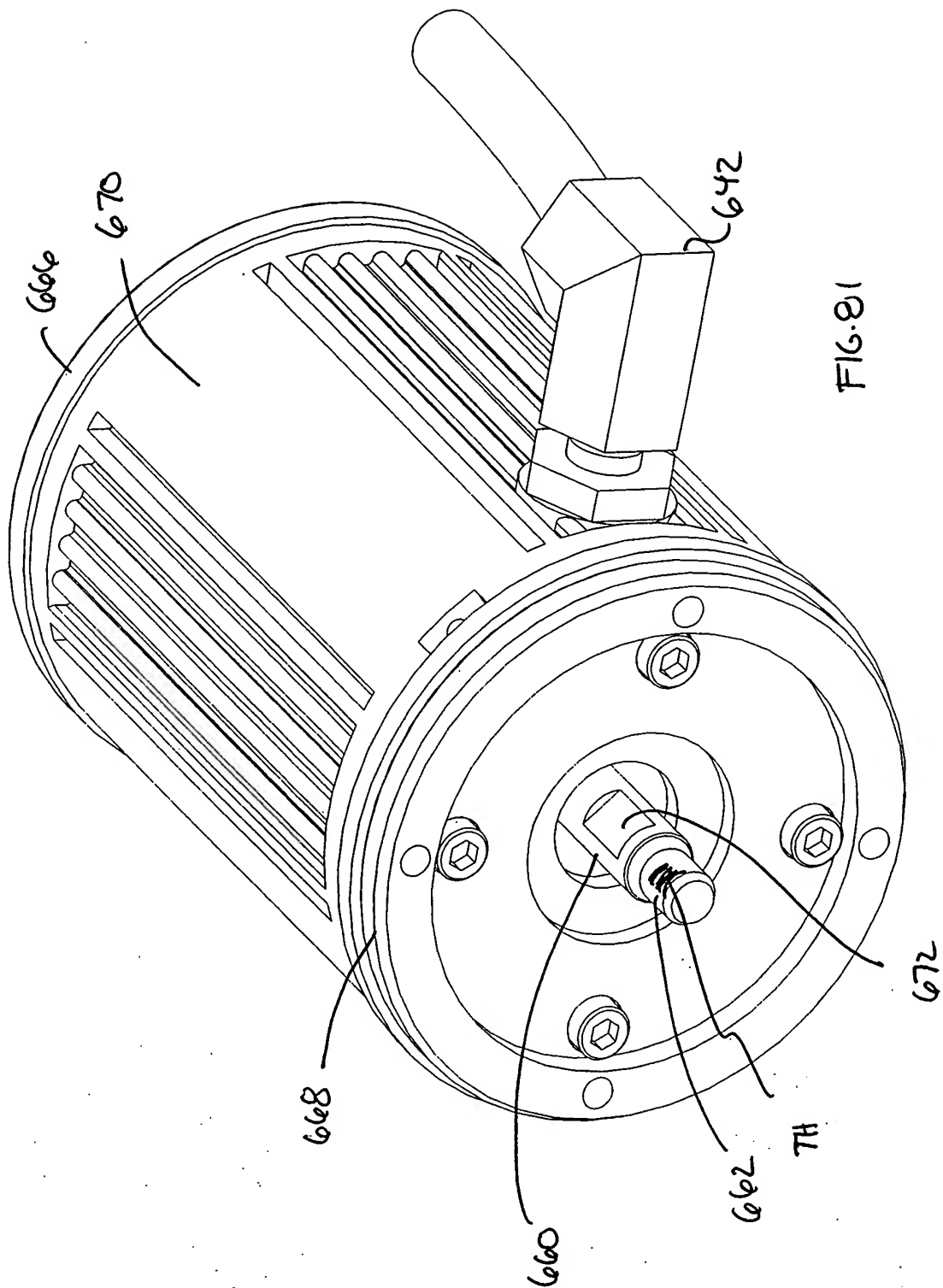


FIG. 81

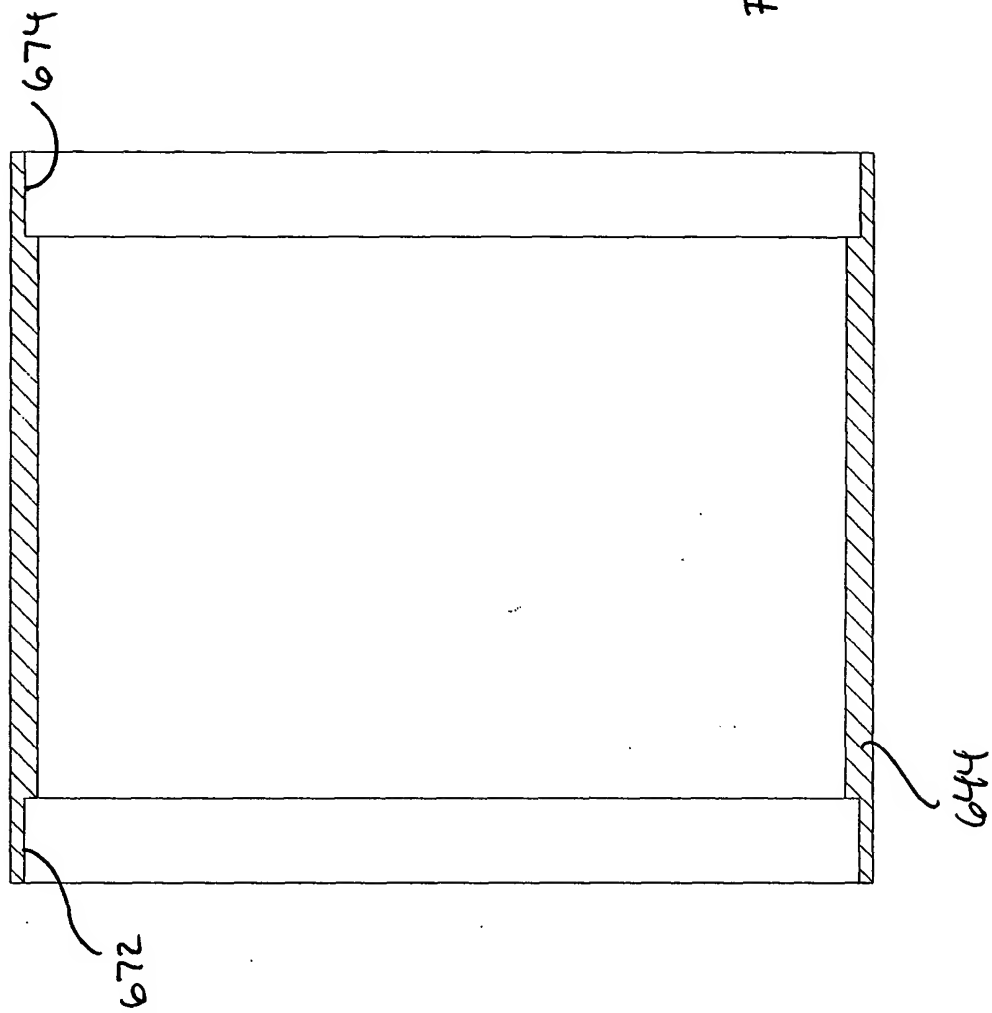
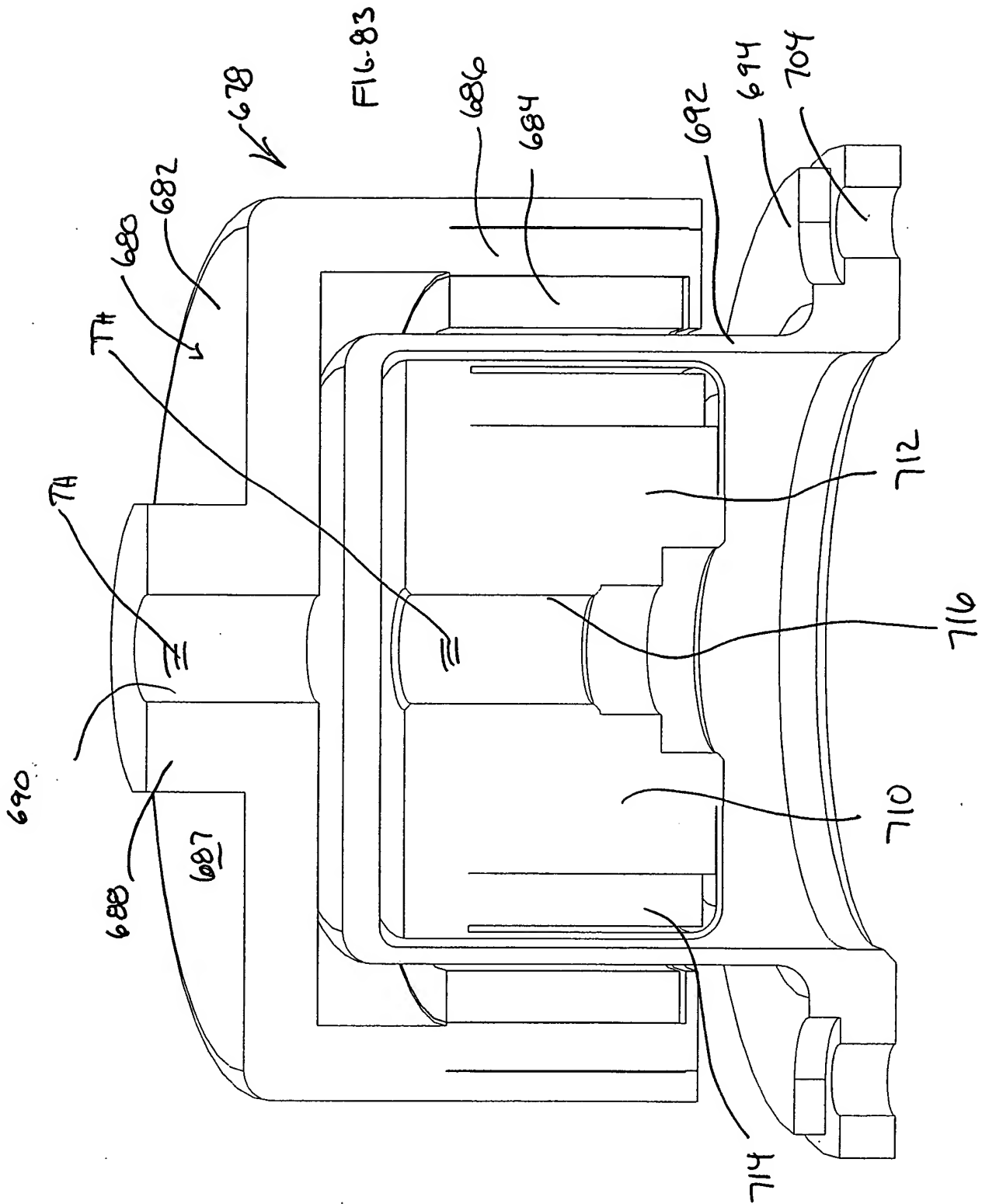


FIG. 82



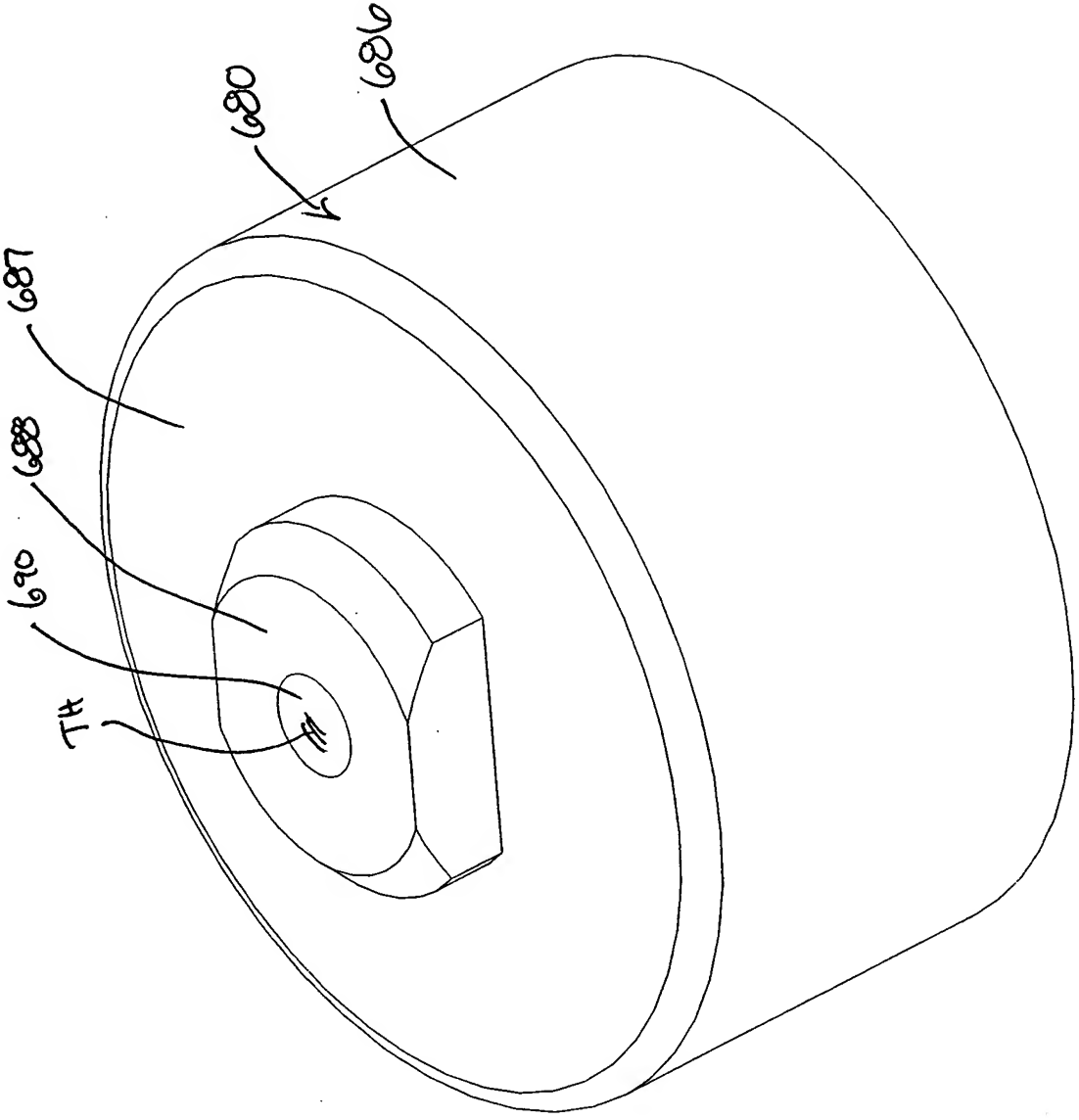


FIG. 84

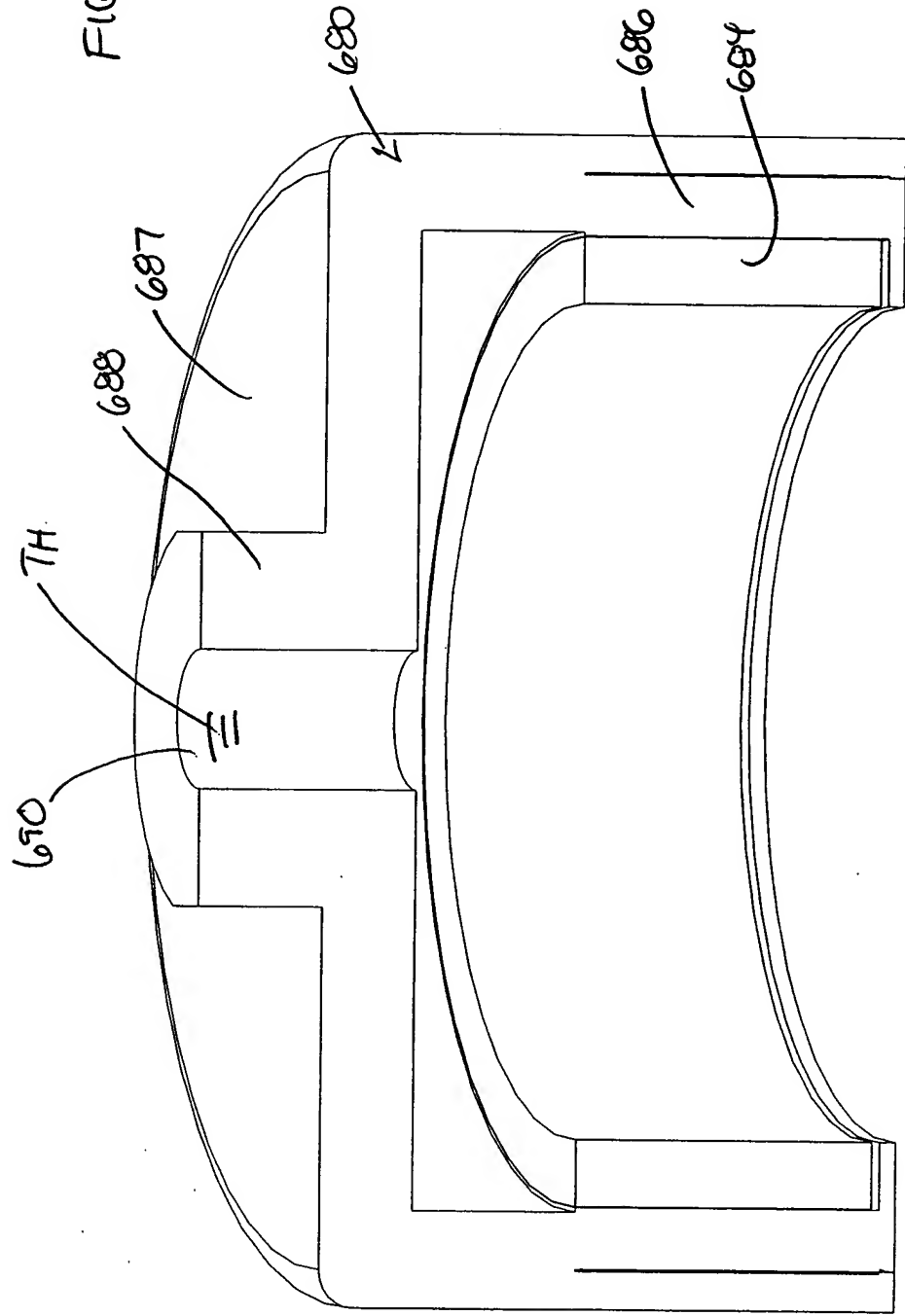
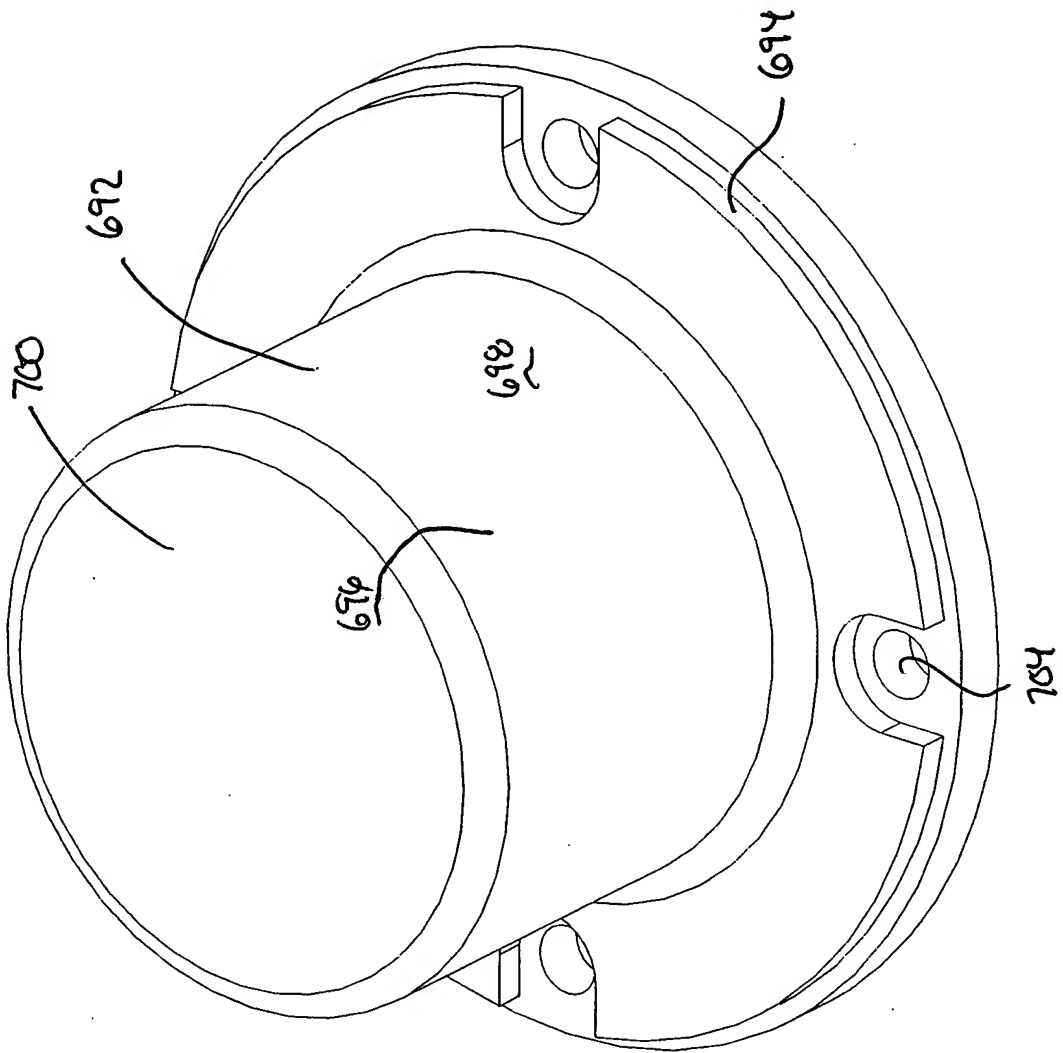


FIG. 85

FIG. 86



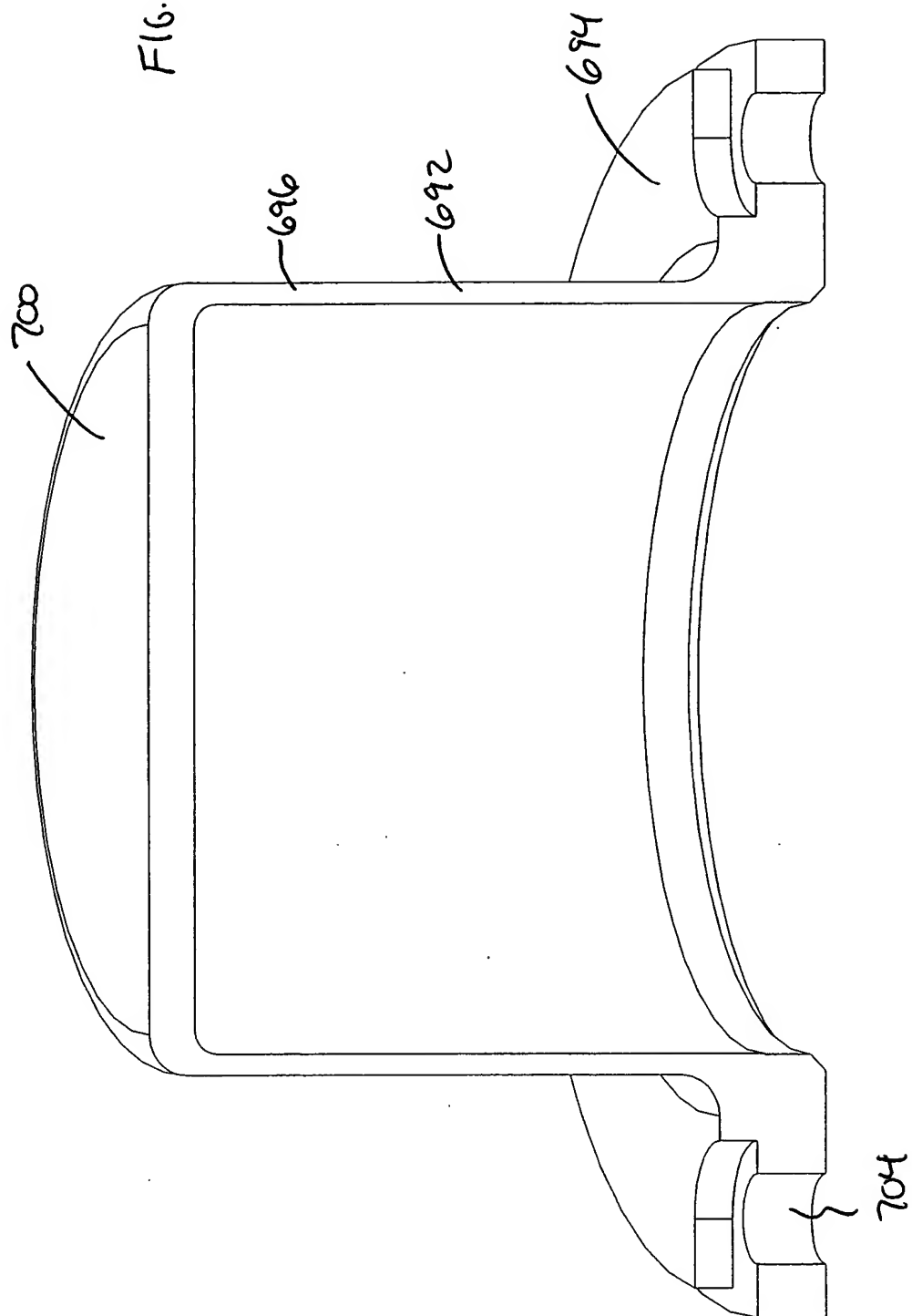
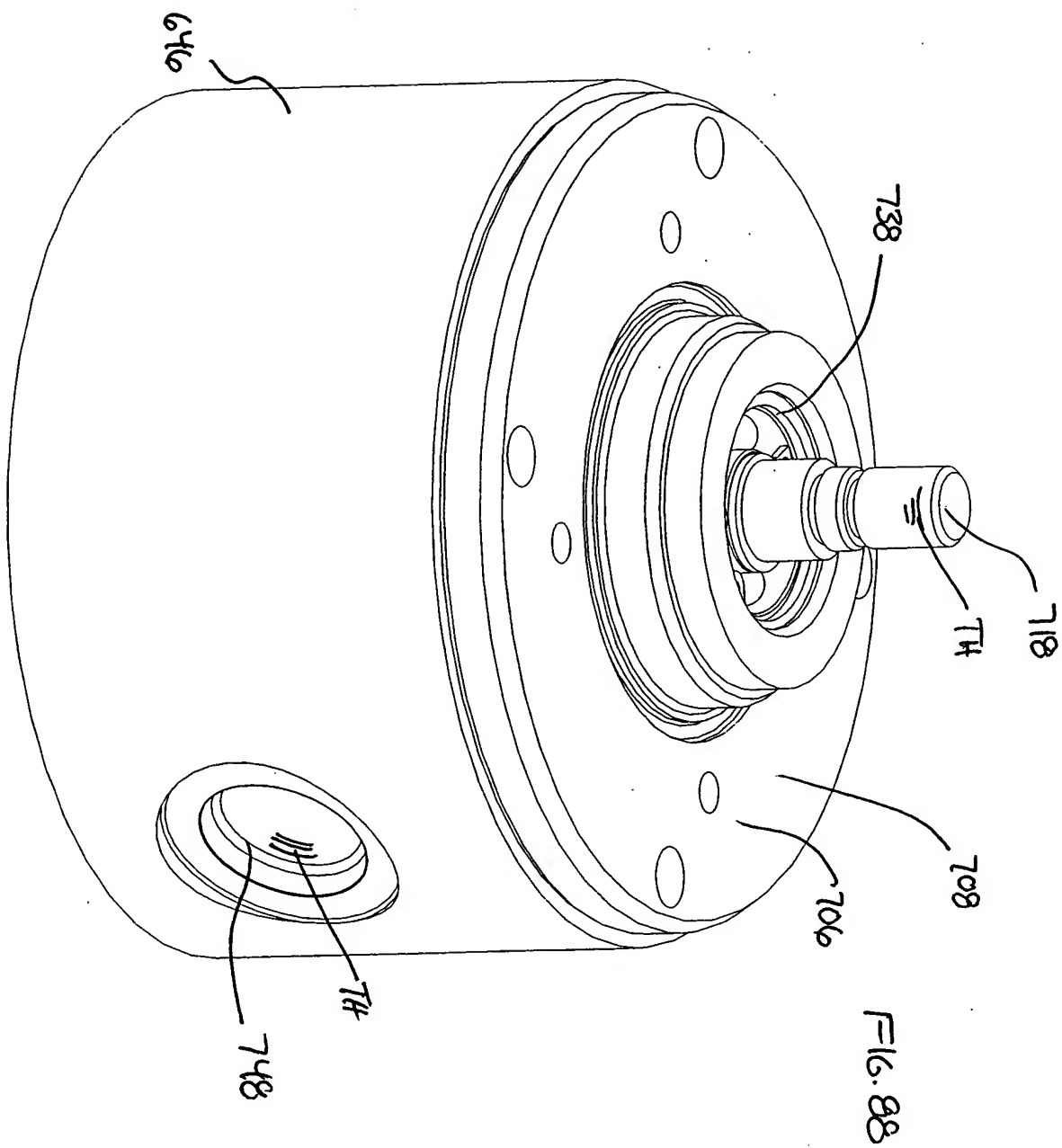


Fig. 87



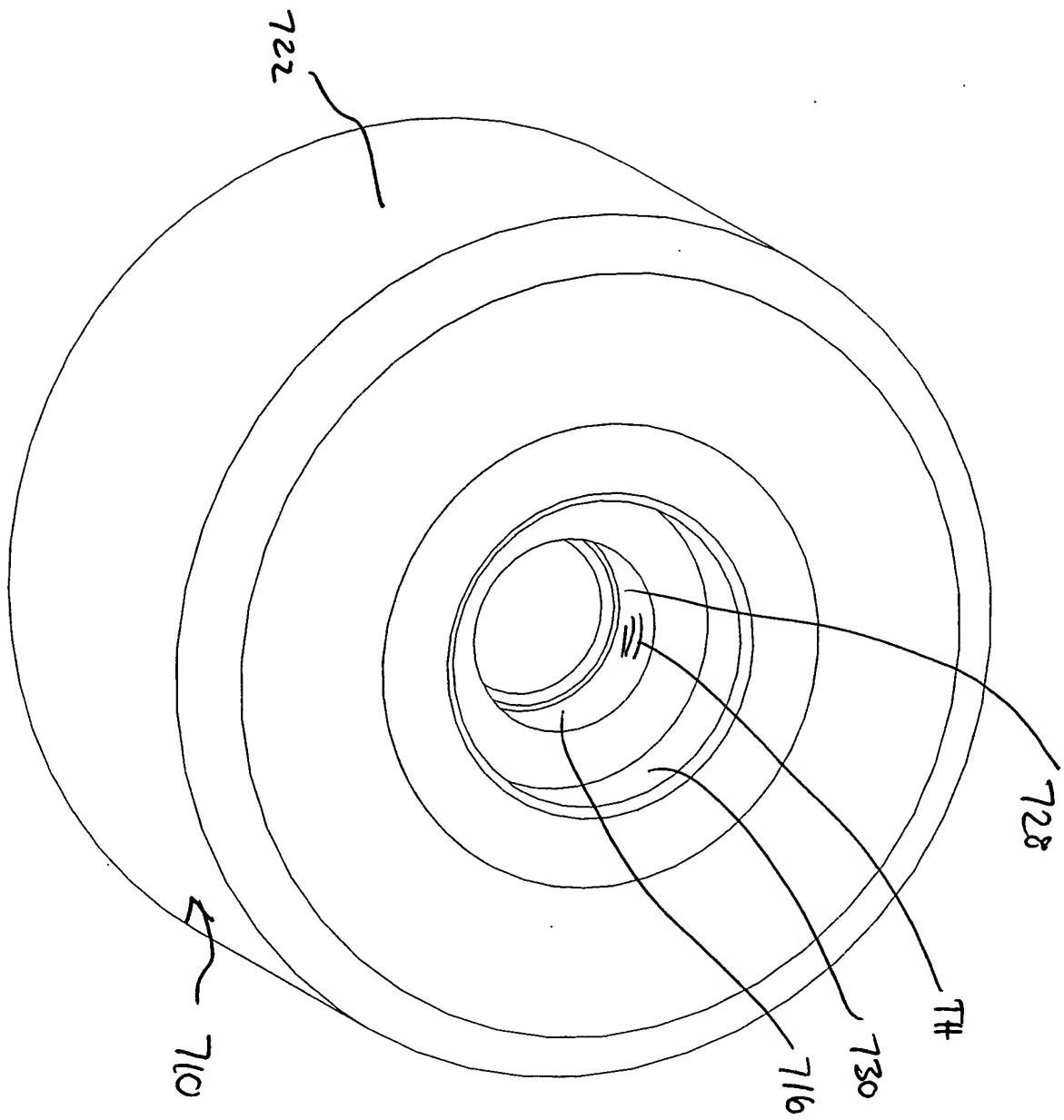
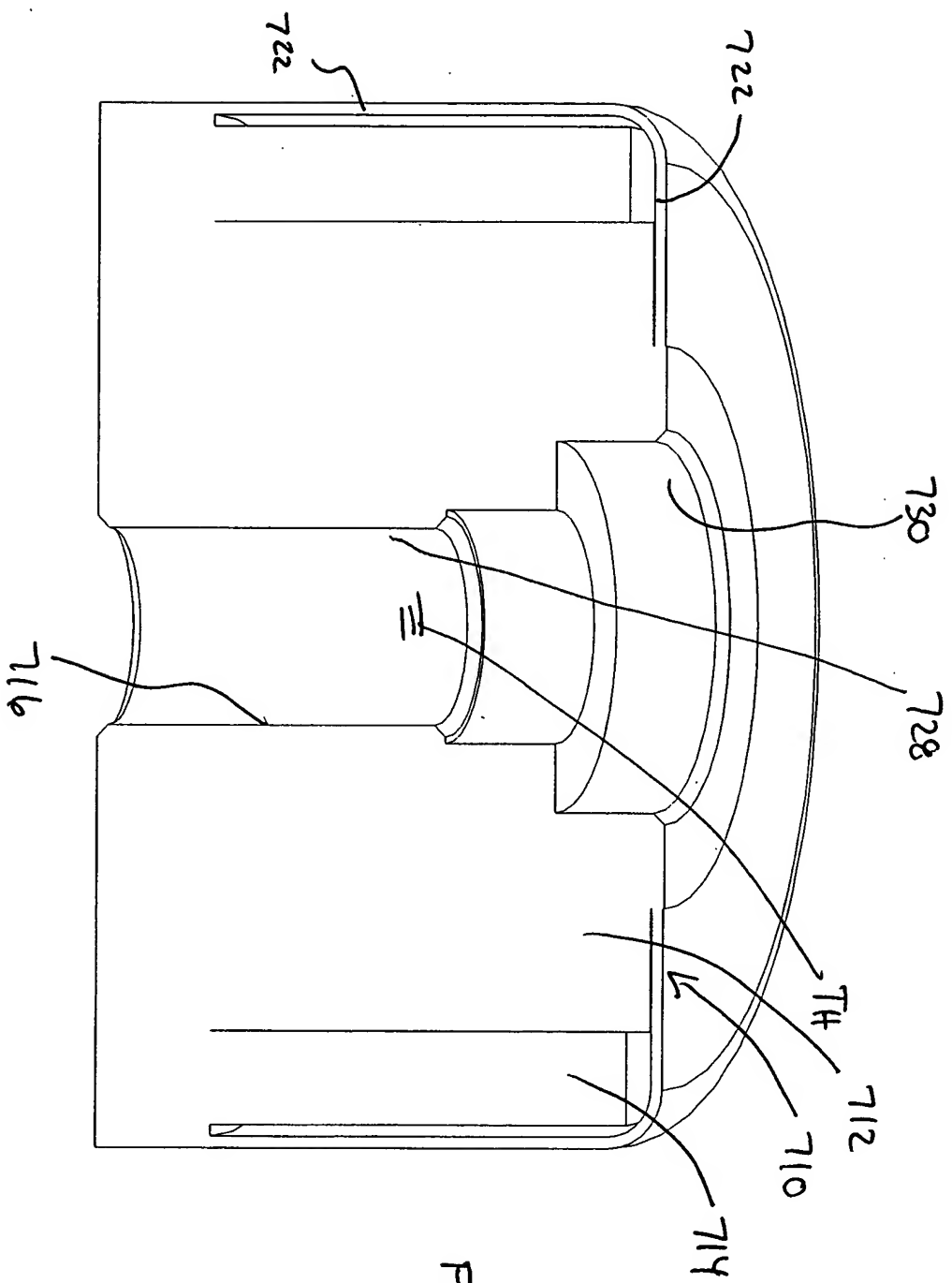


FIG. 89A



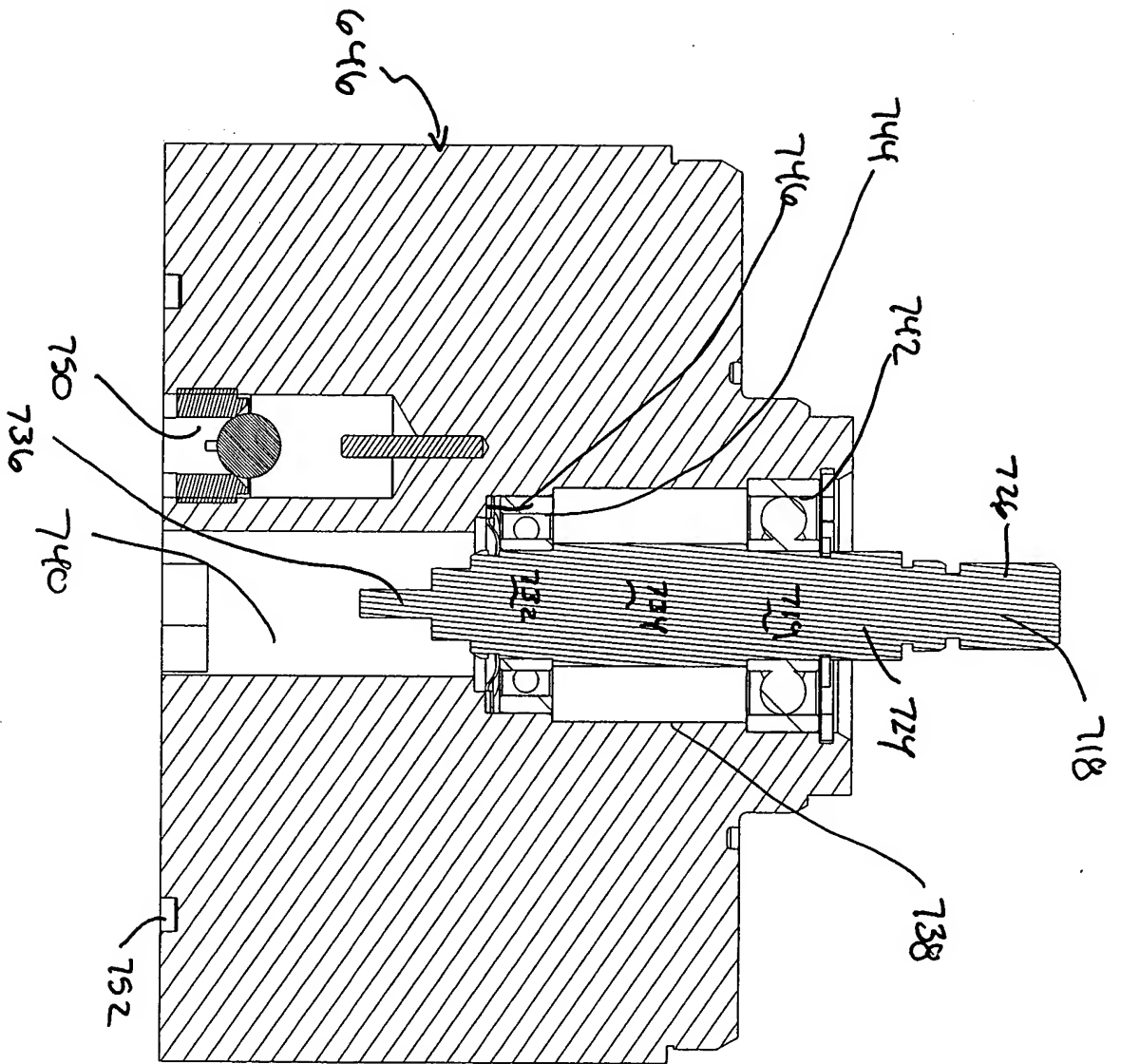


FIG. 90

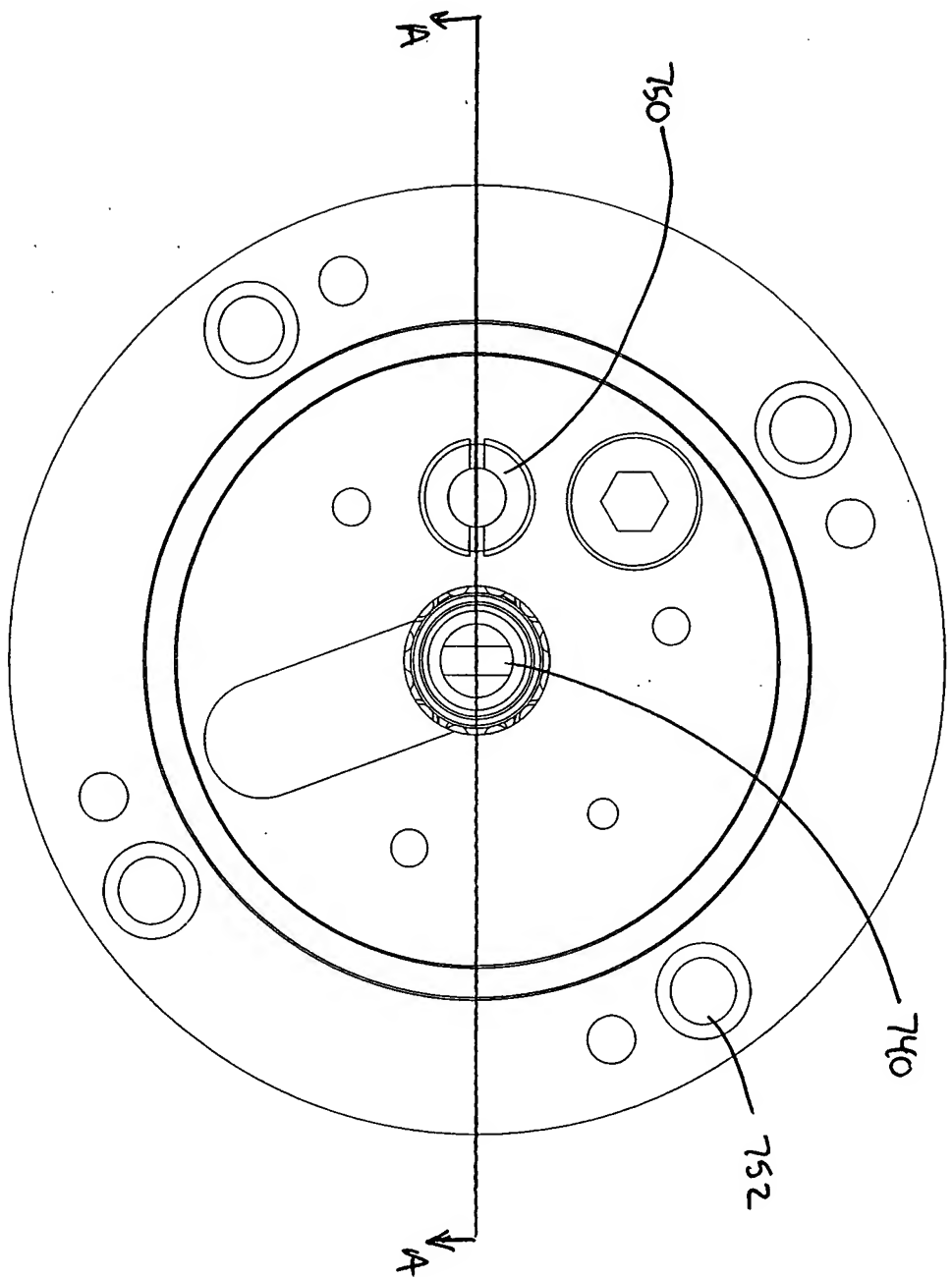


FIG. 91

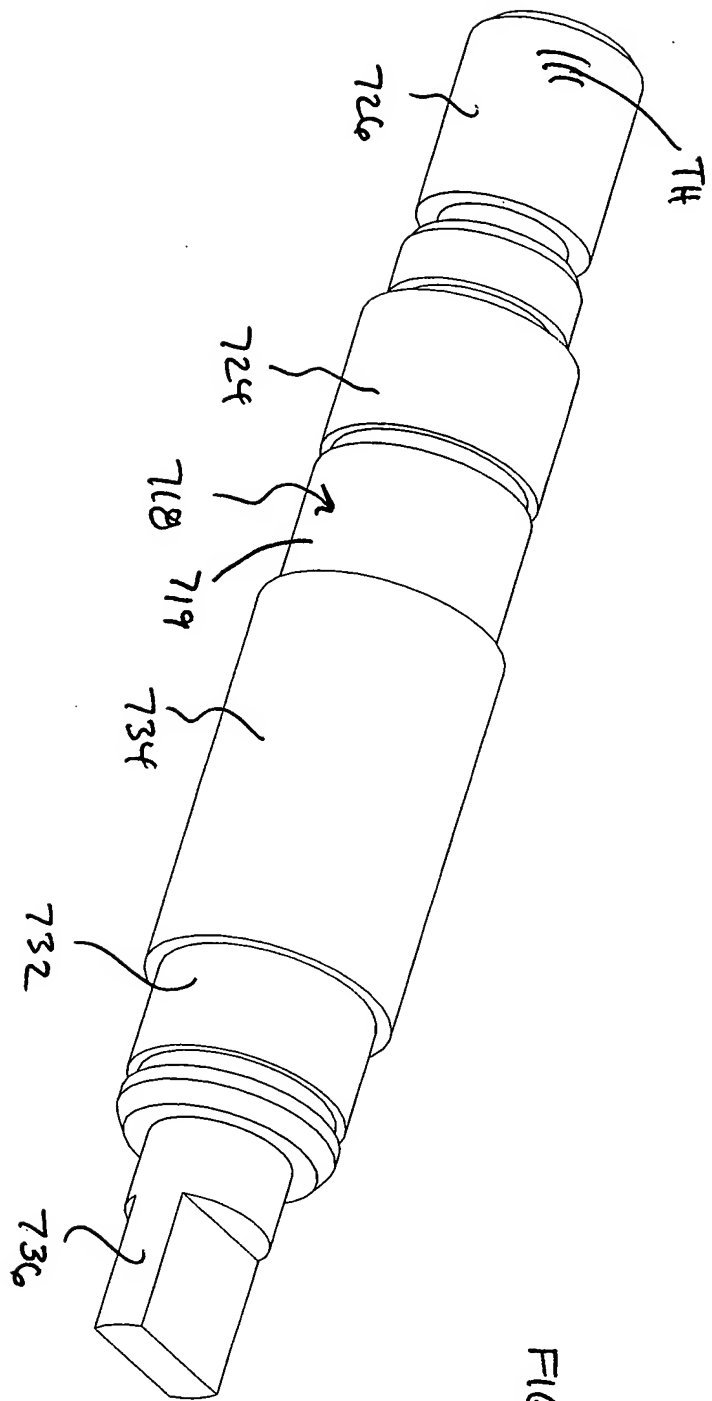


FIG. 92

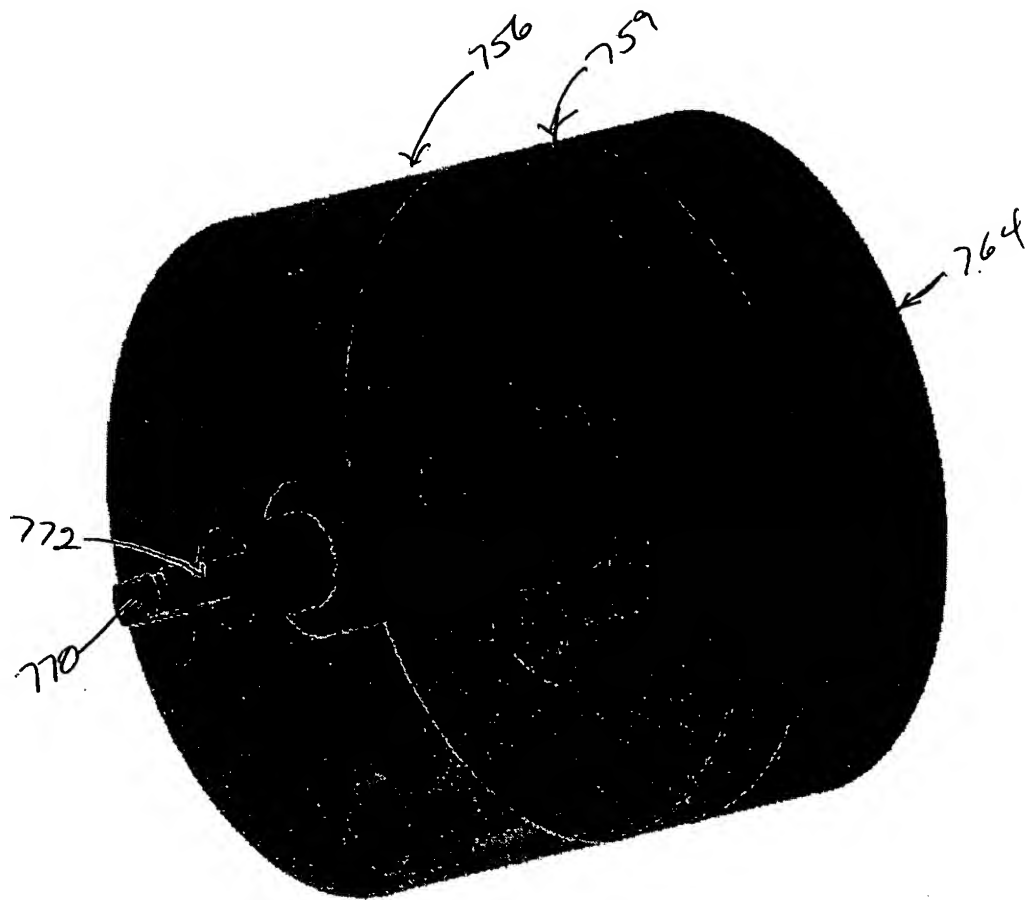


FIG. 93

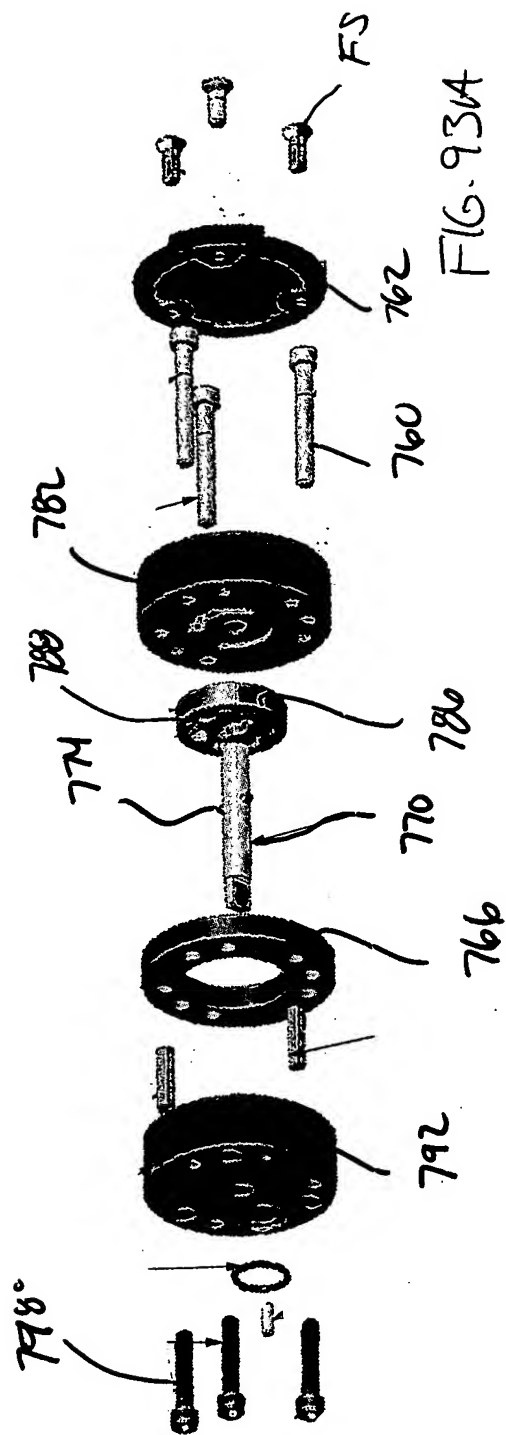
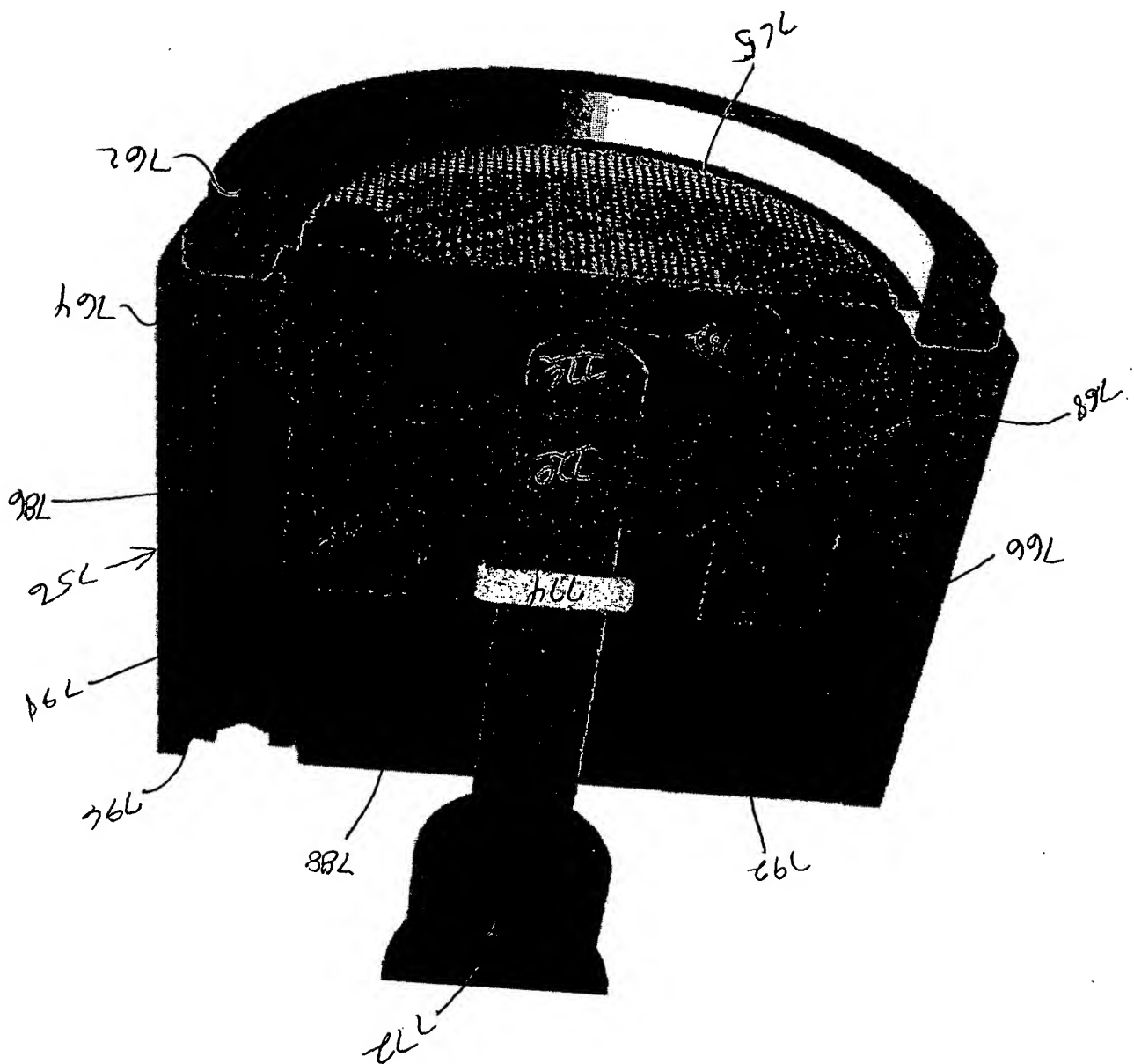
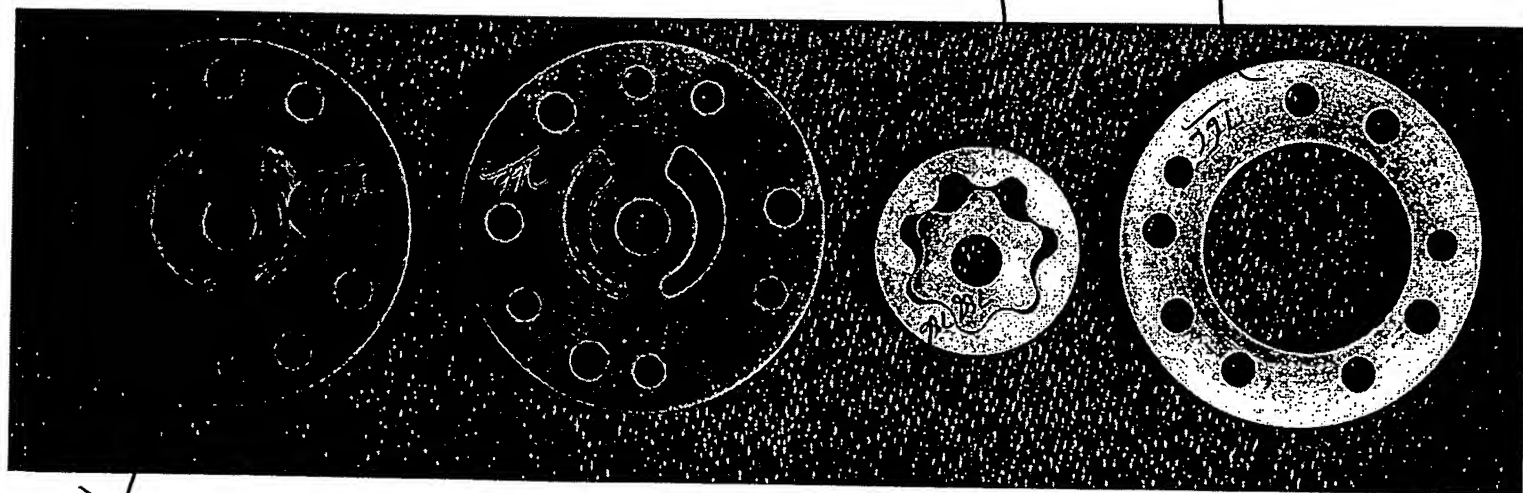


FIG. 93A

16.94





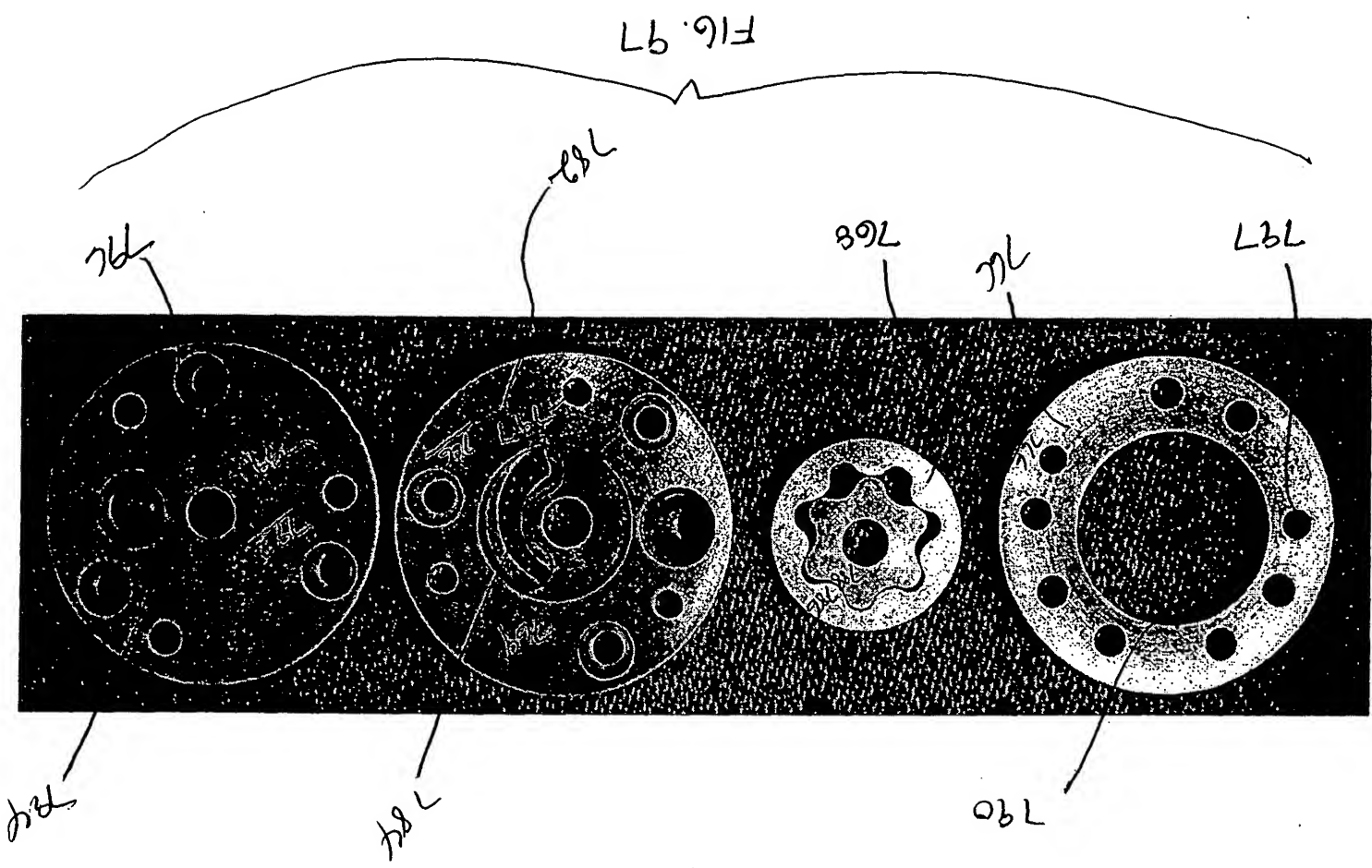


89L

79L

794

Fig. 96



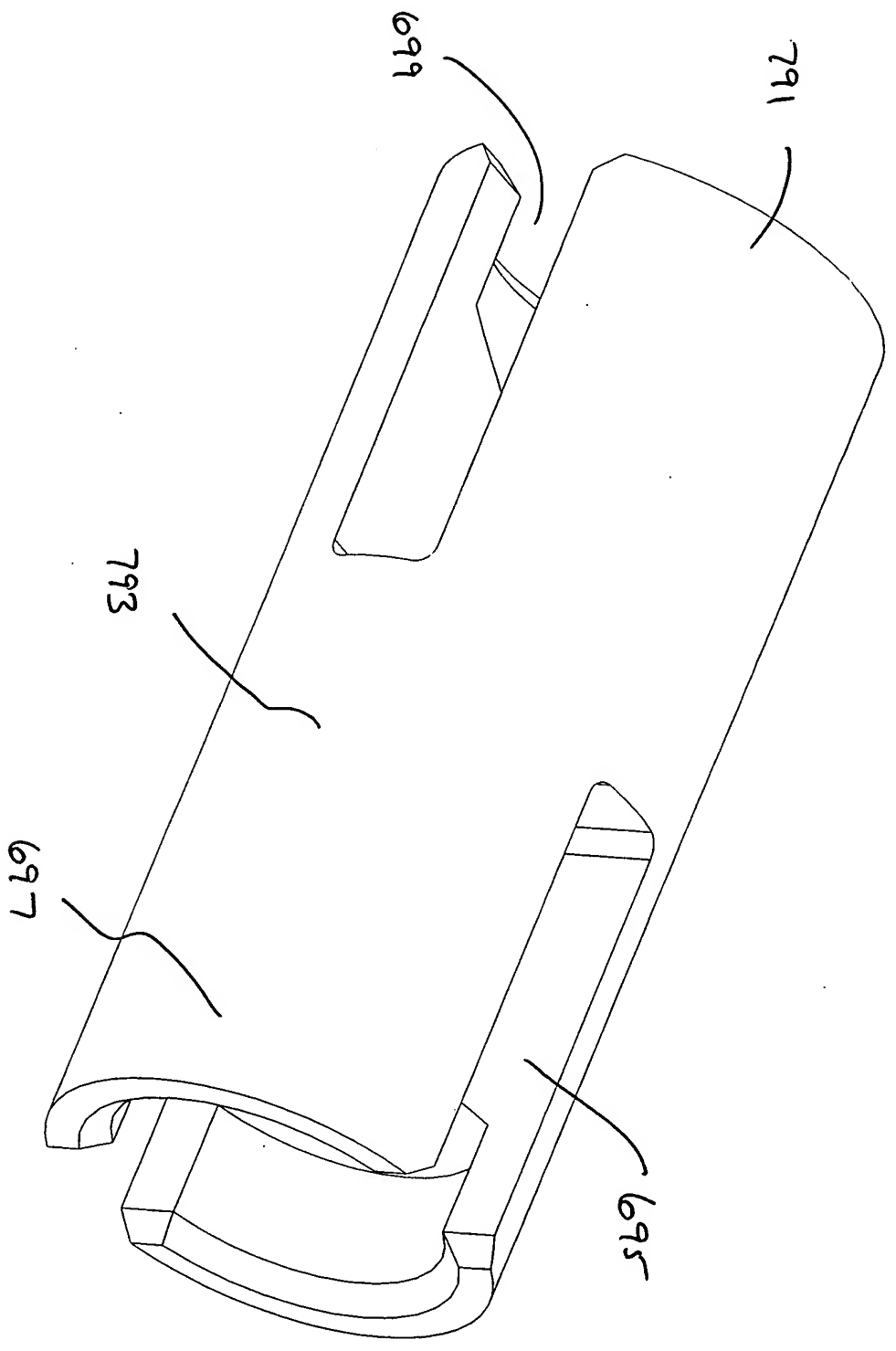


FIG. 78

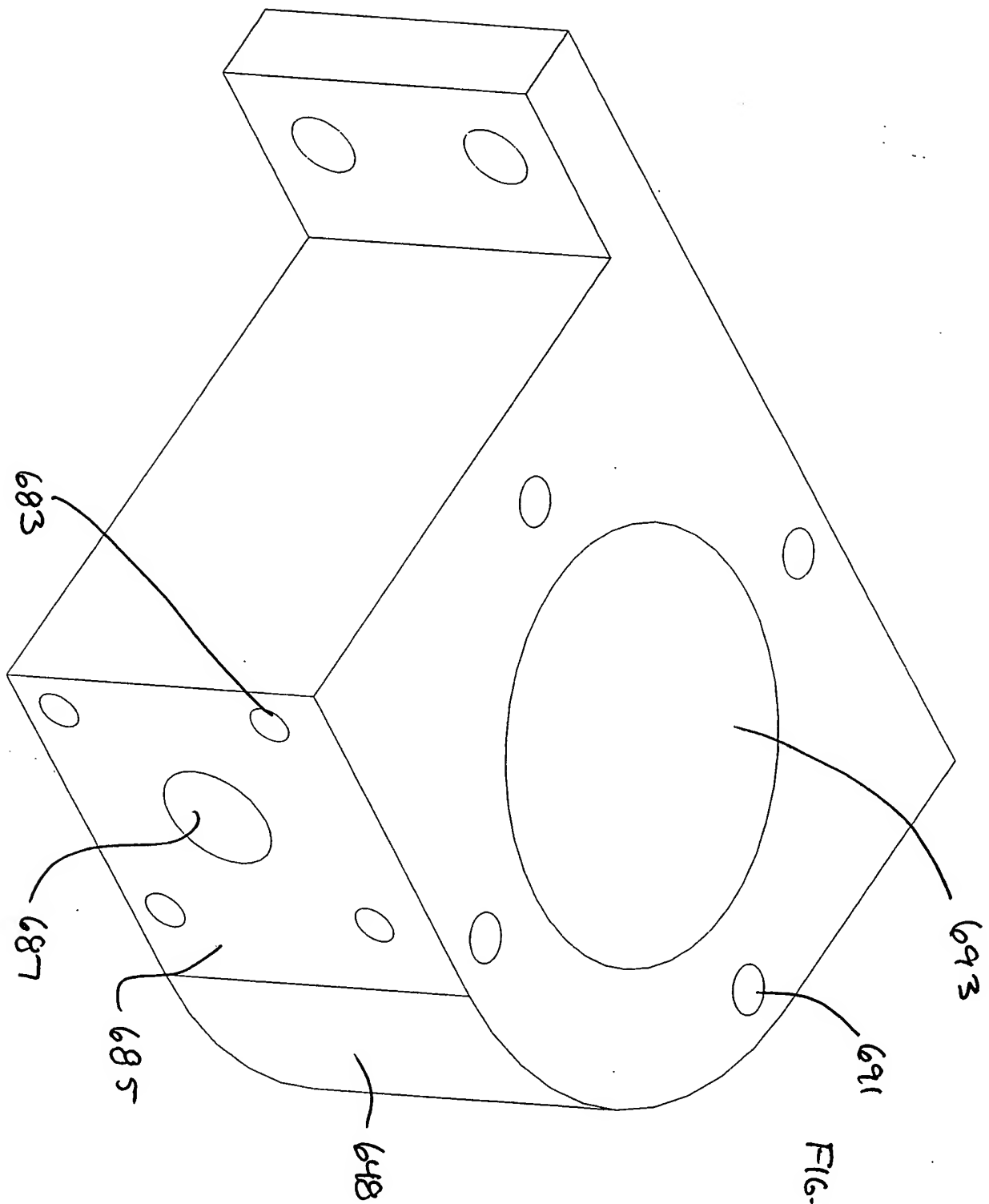


FIG. 99

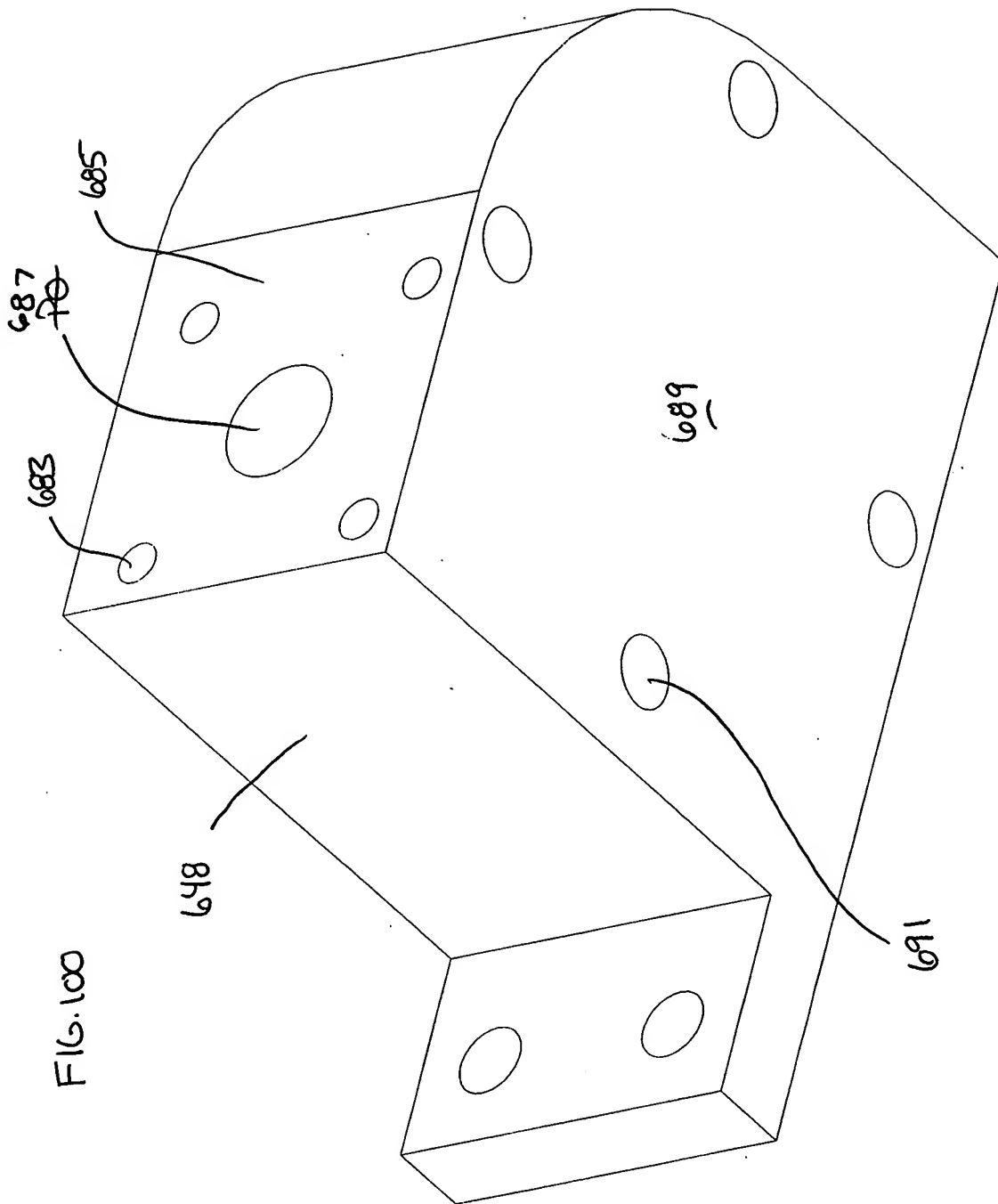
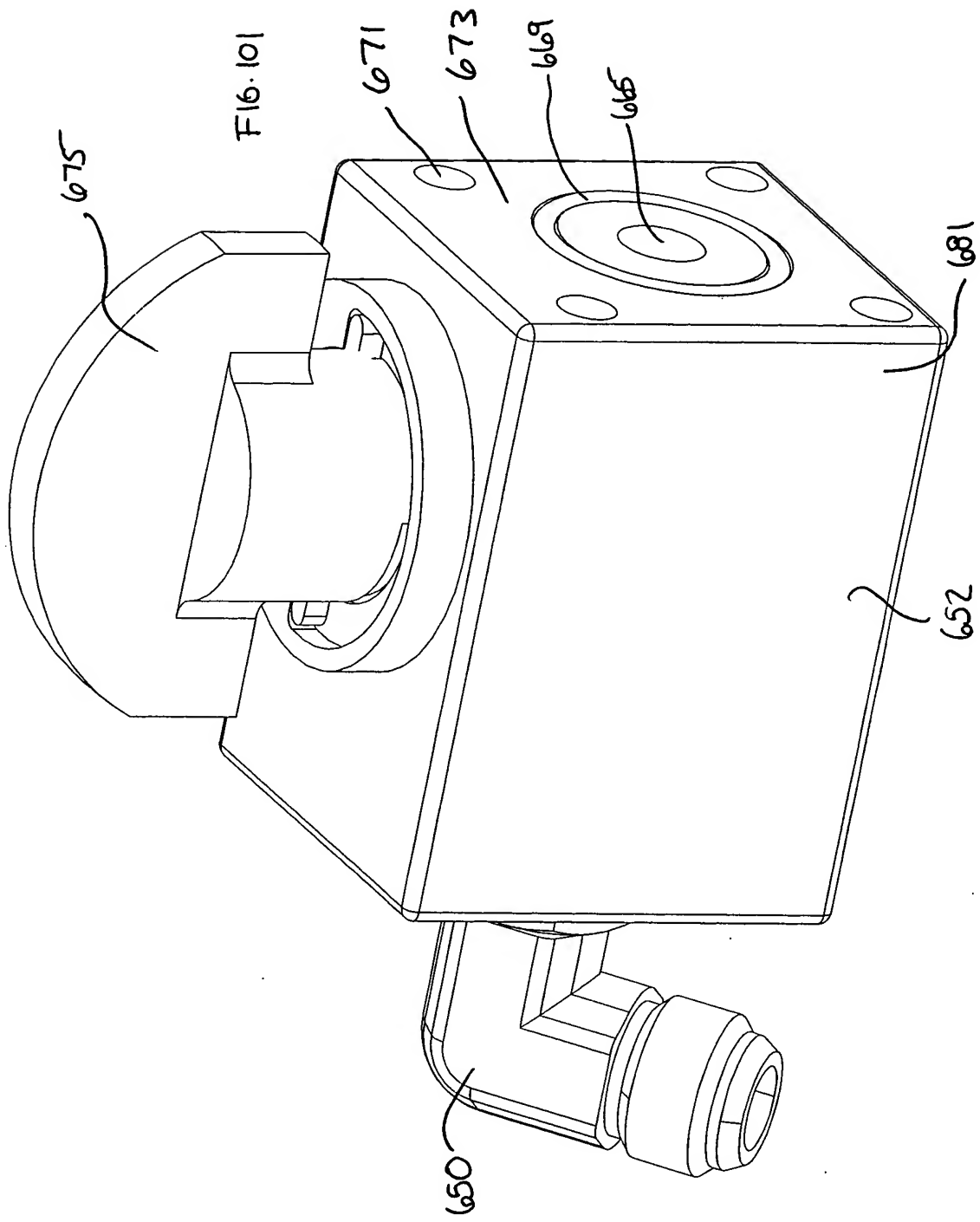


FIG. 100



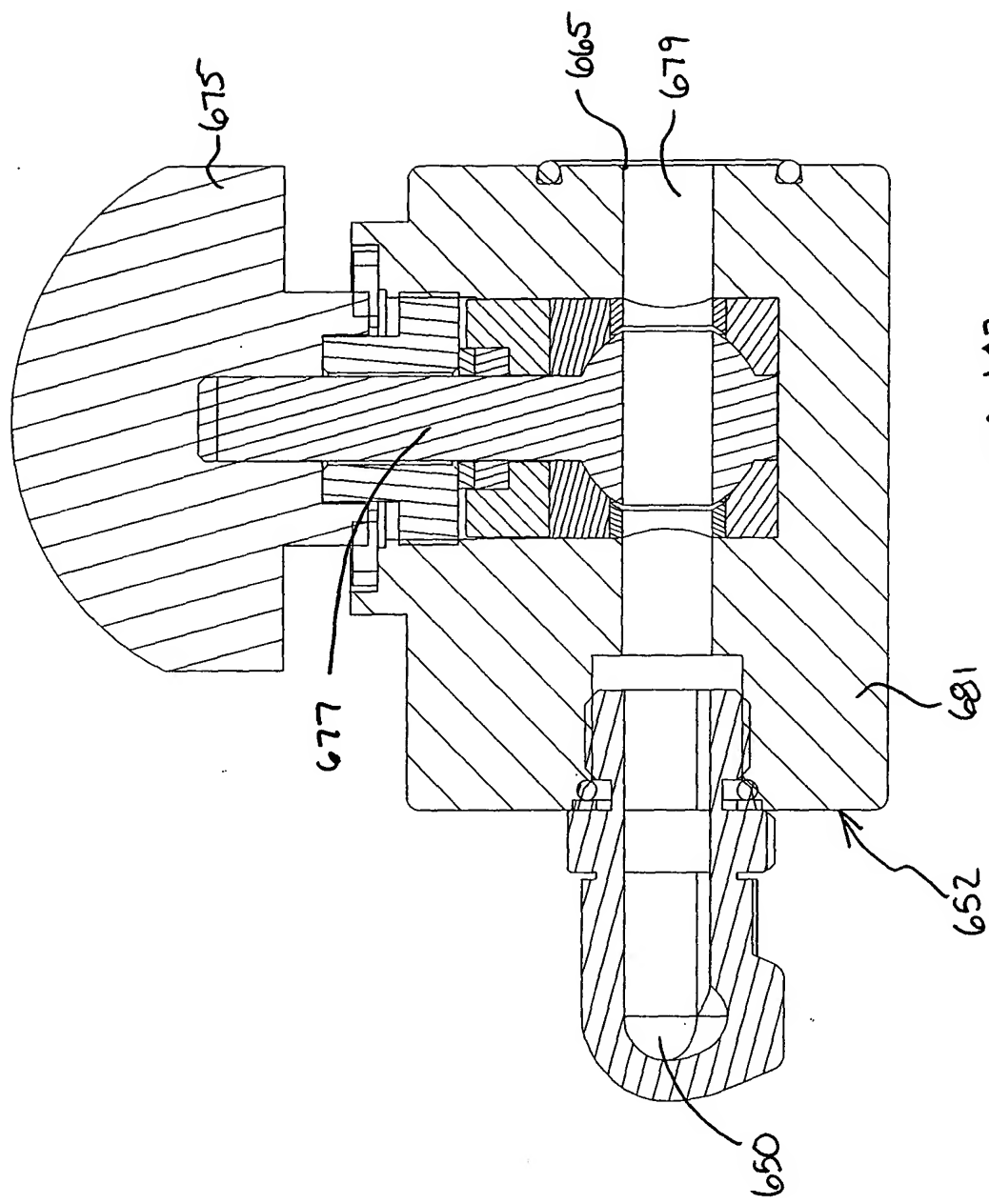
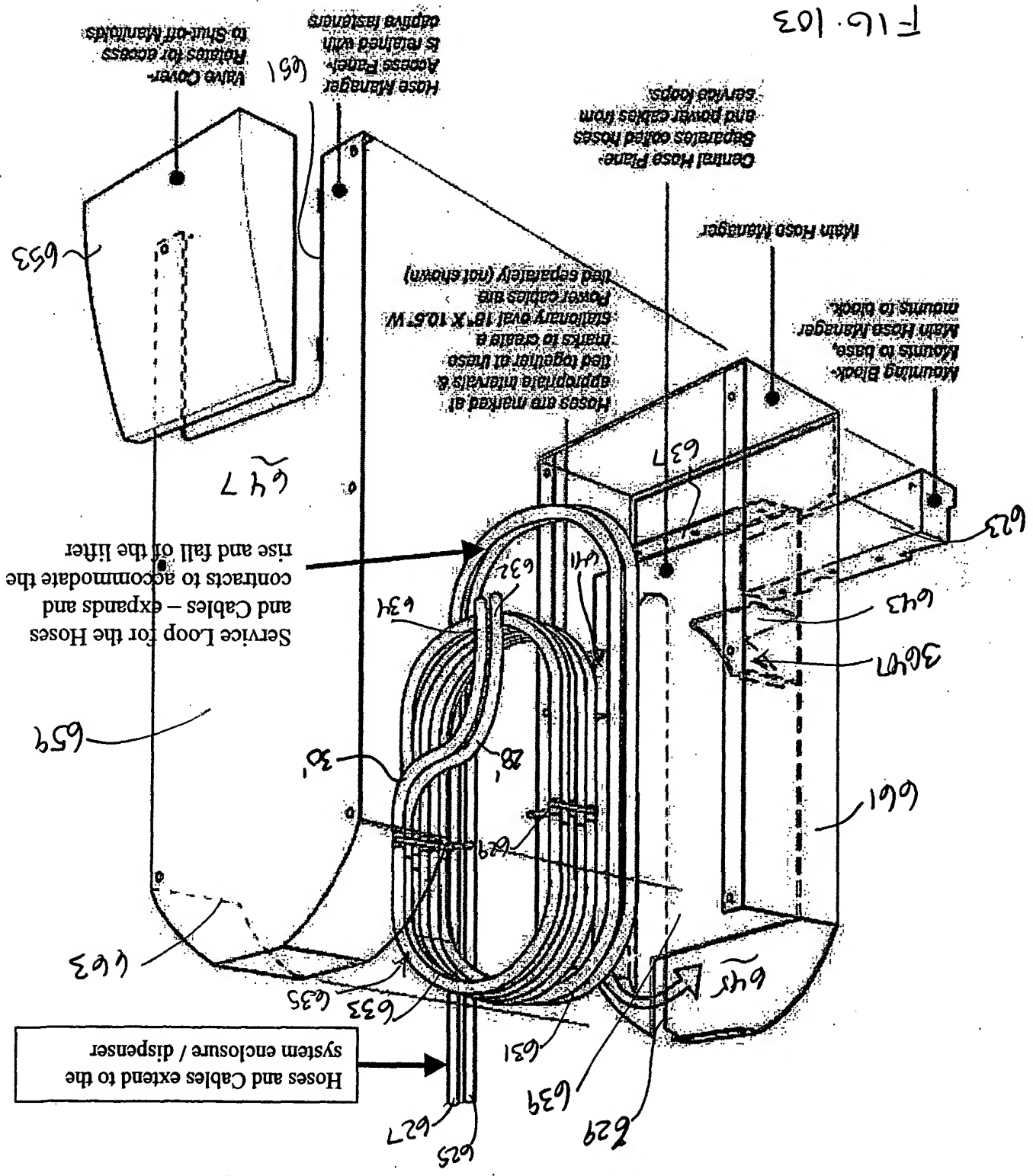


FIG. 102

F16.103



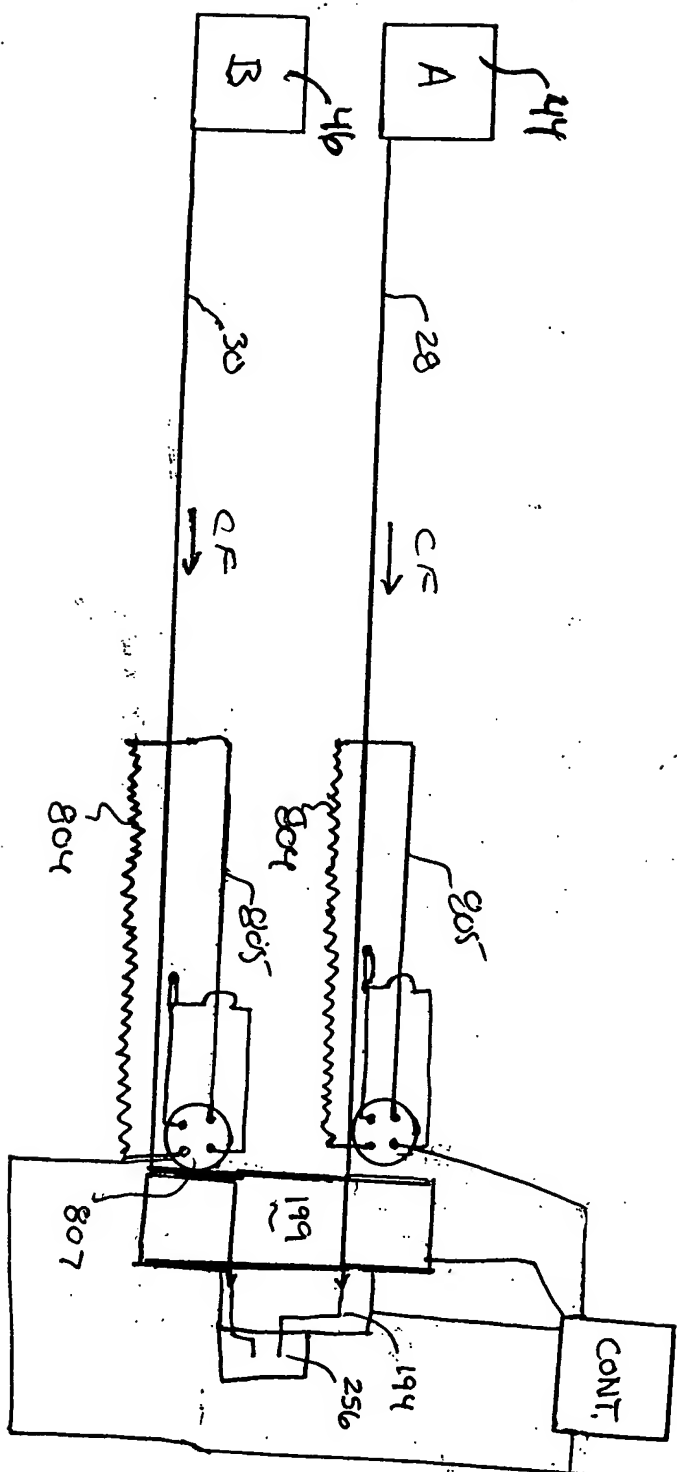


FIG. 104

FIG. 105

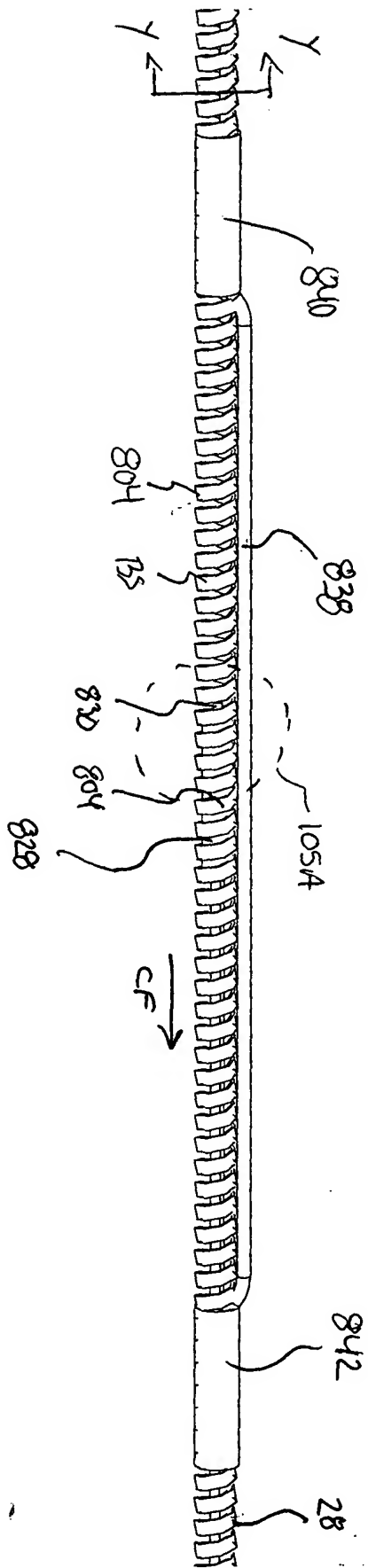
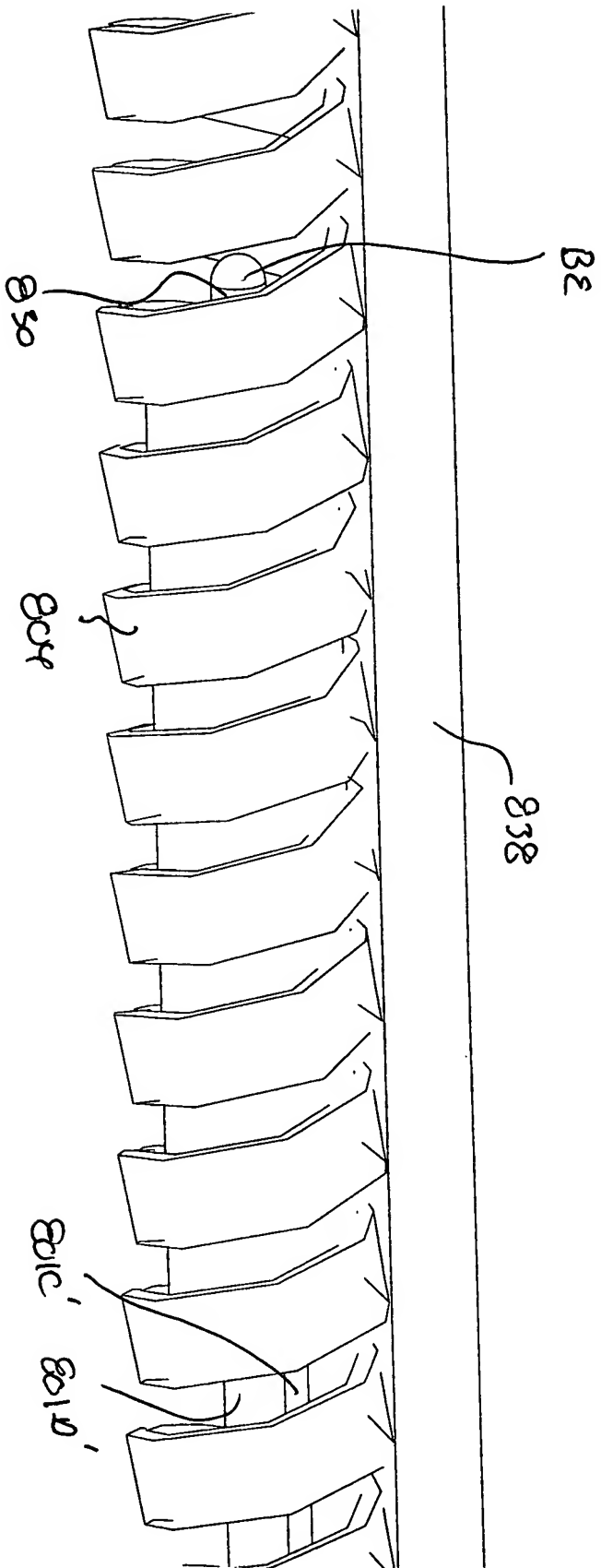
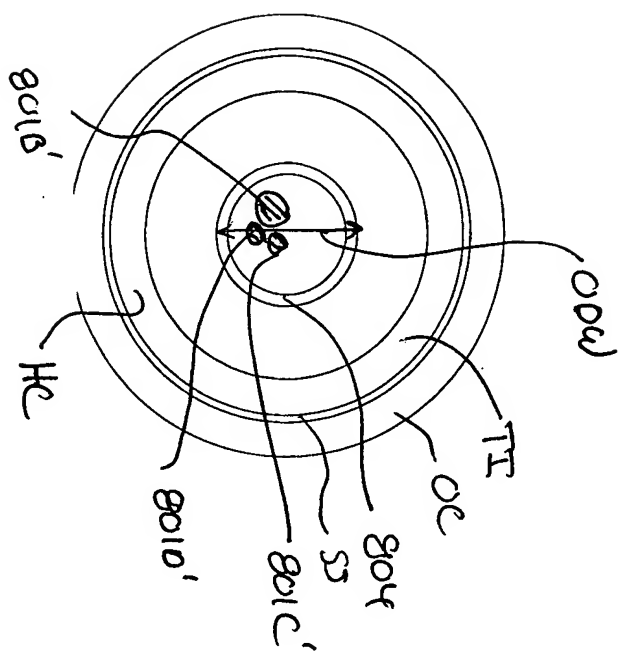


FIG. 105A



FLG.106



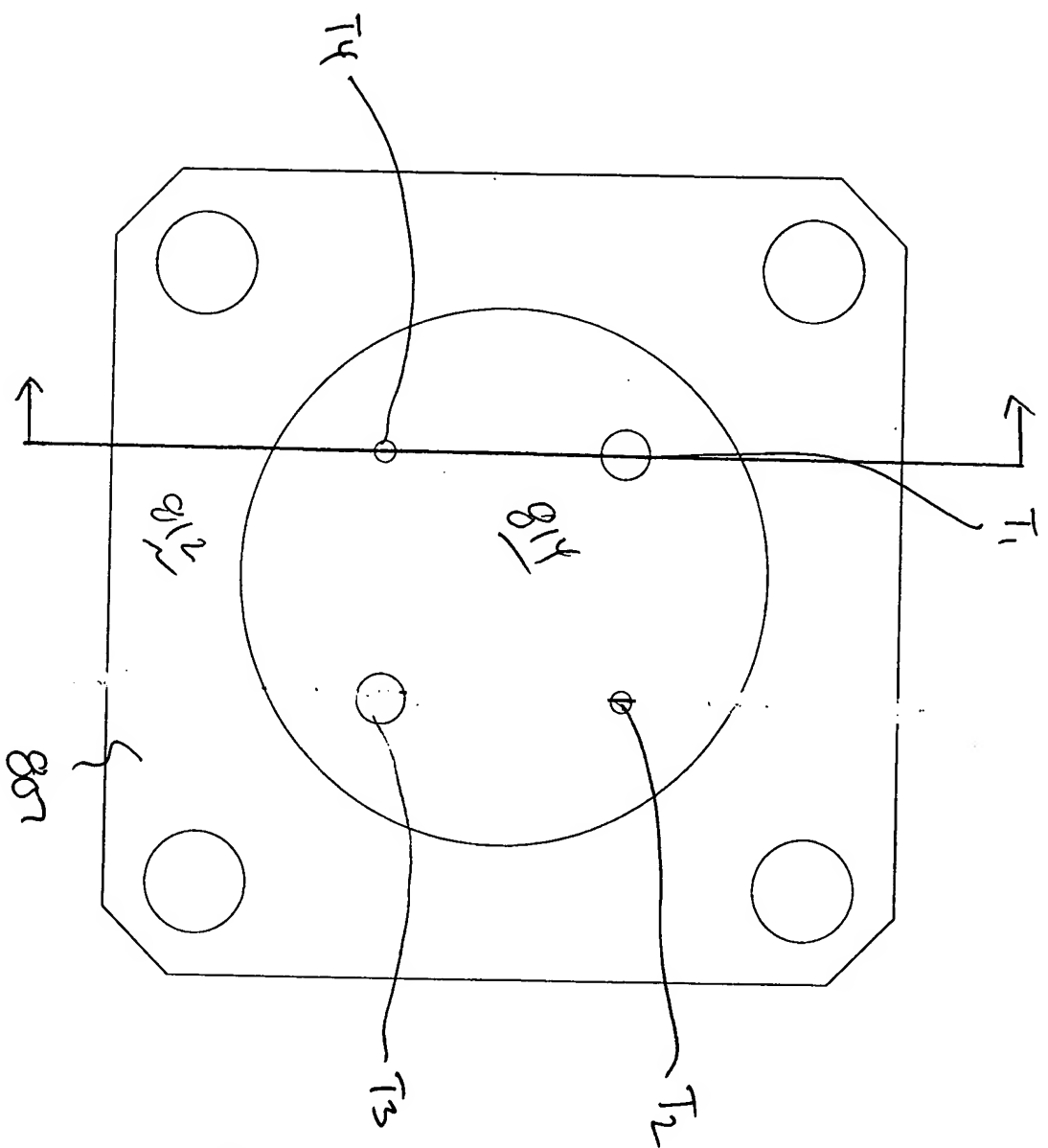


FIG. 107

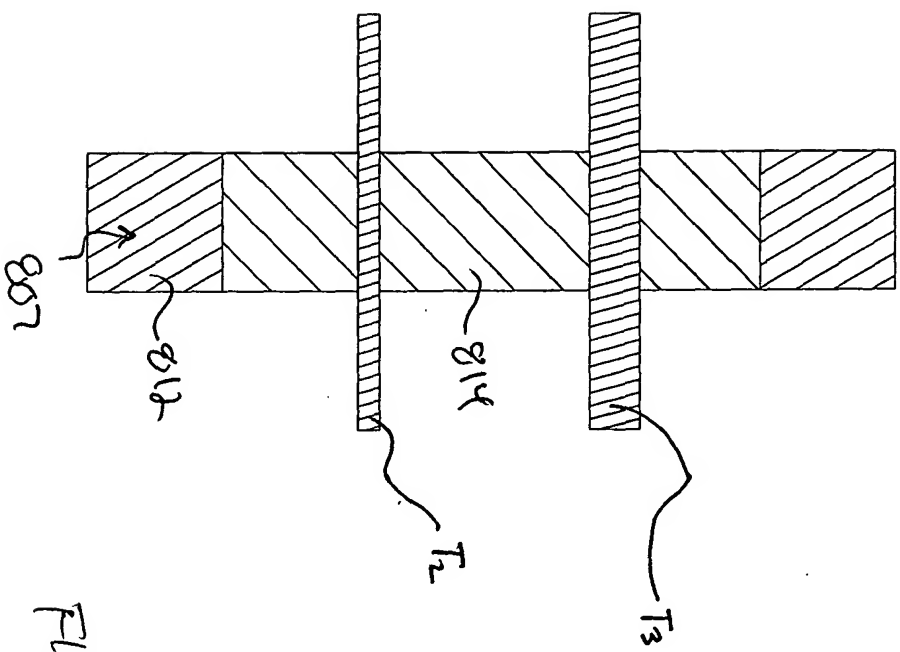


FIG. 108

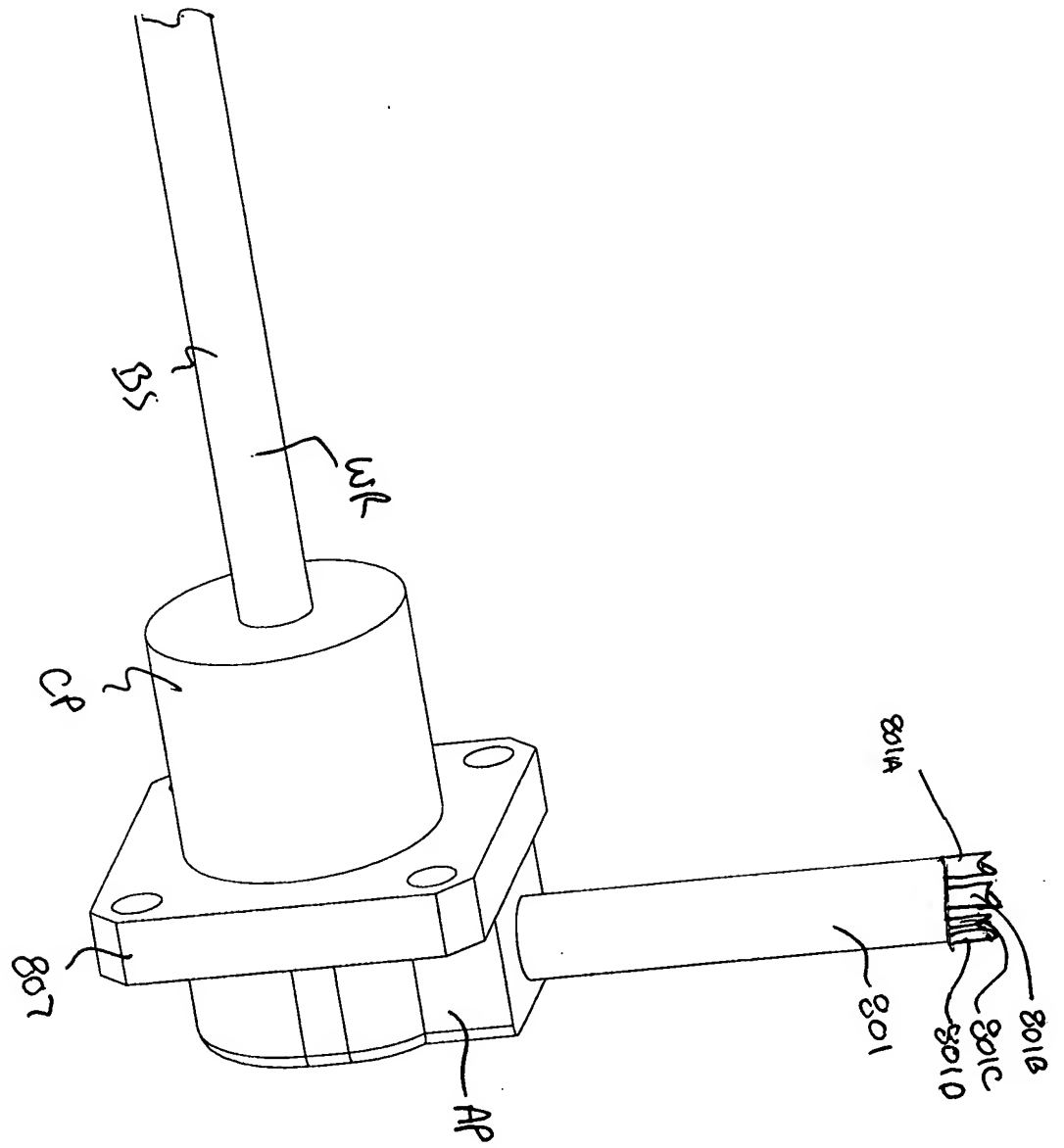


FIG. 109

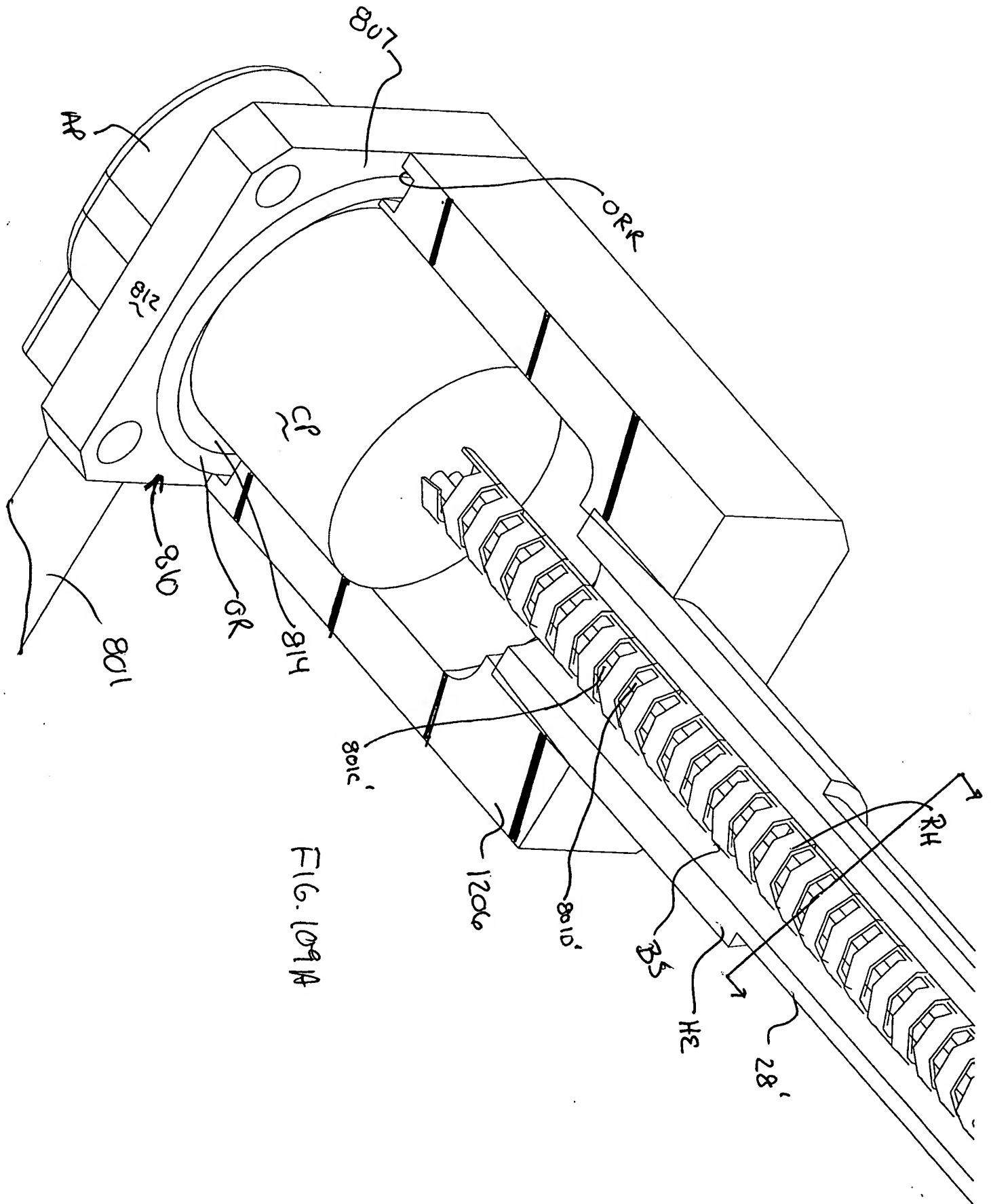


FIG. 109A

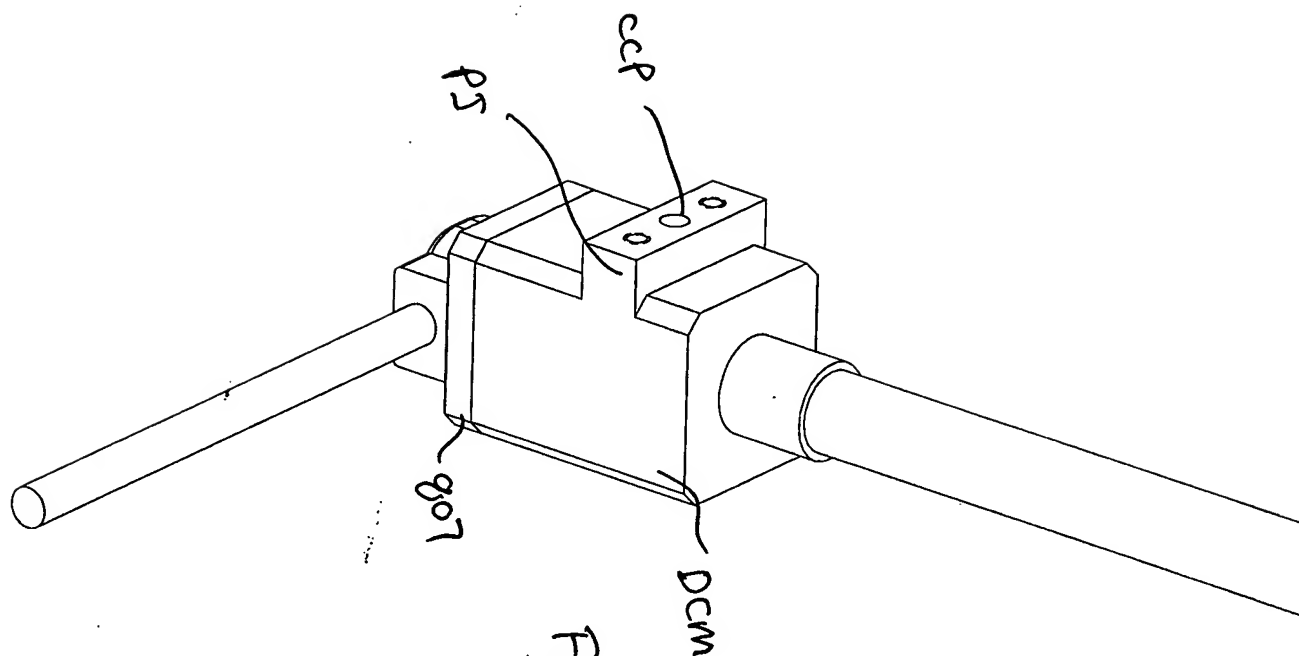
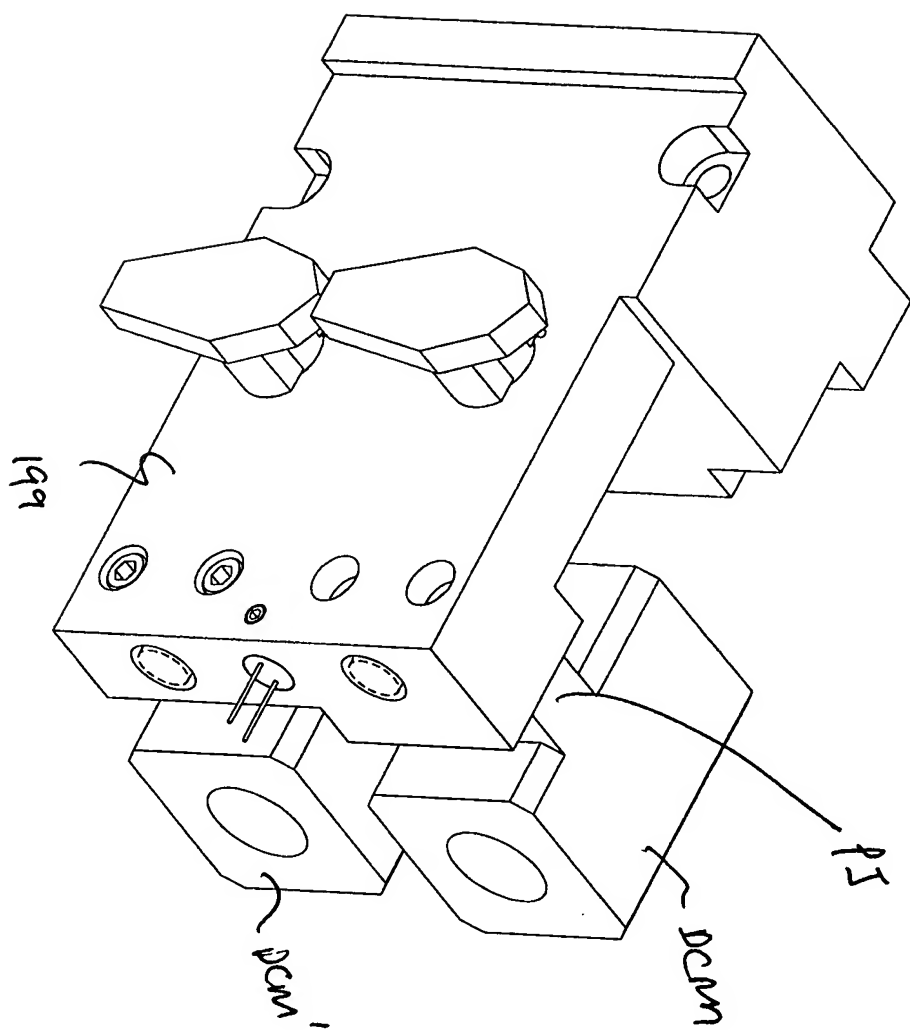
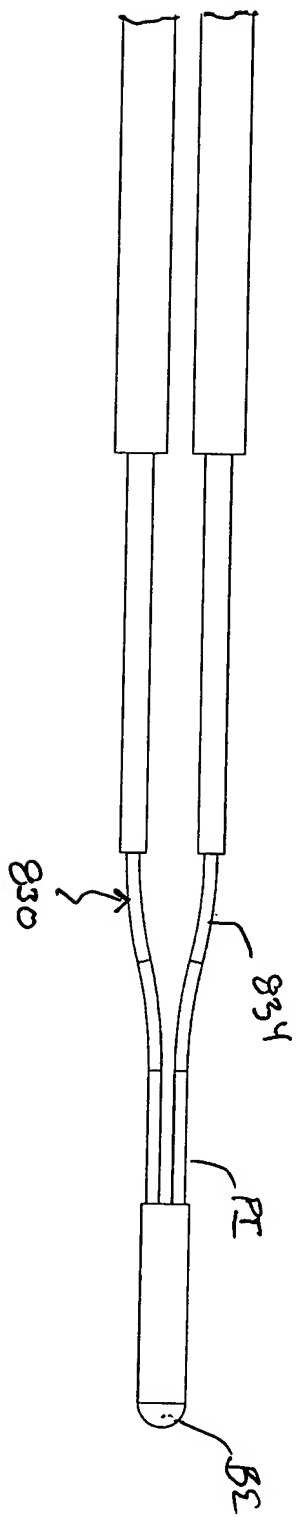


FIG. 109B



100C



F(6.110

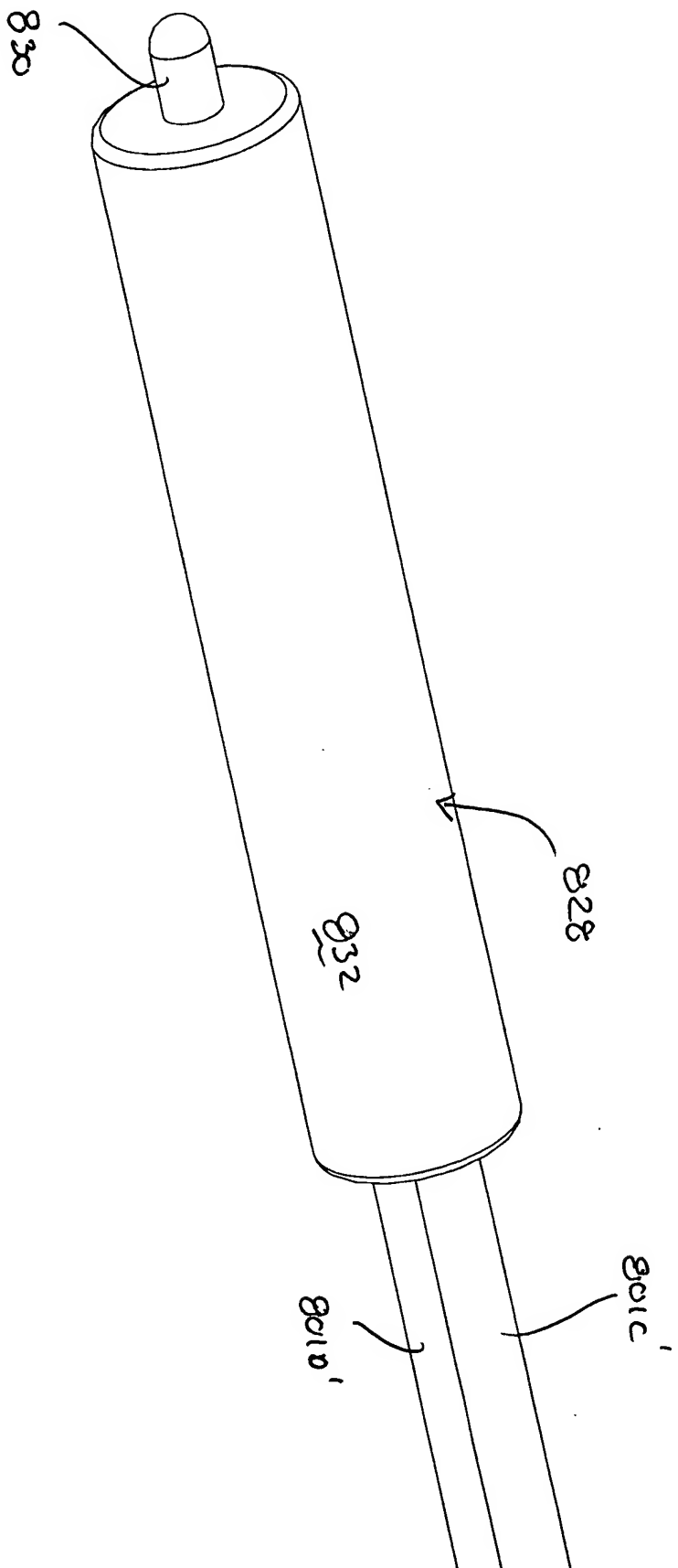
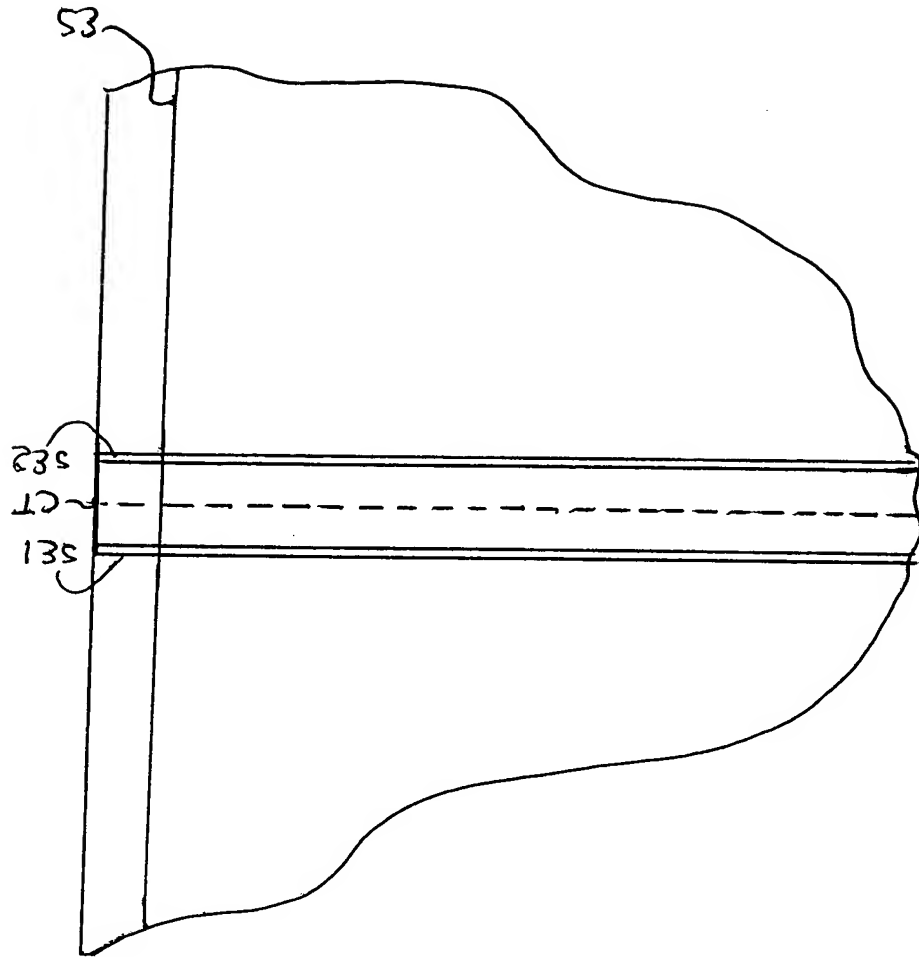


FIG. 110A

FIG. 11



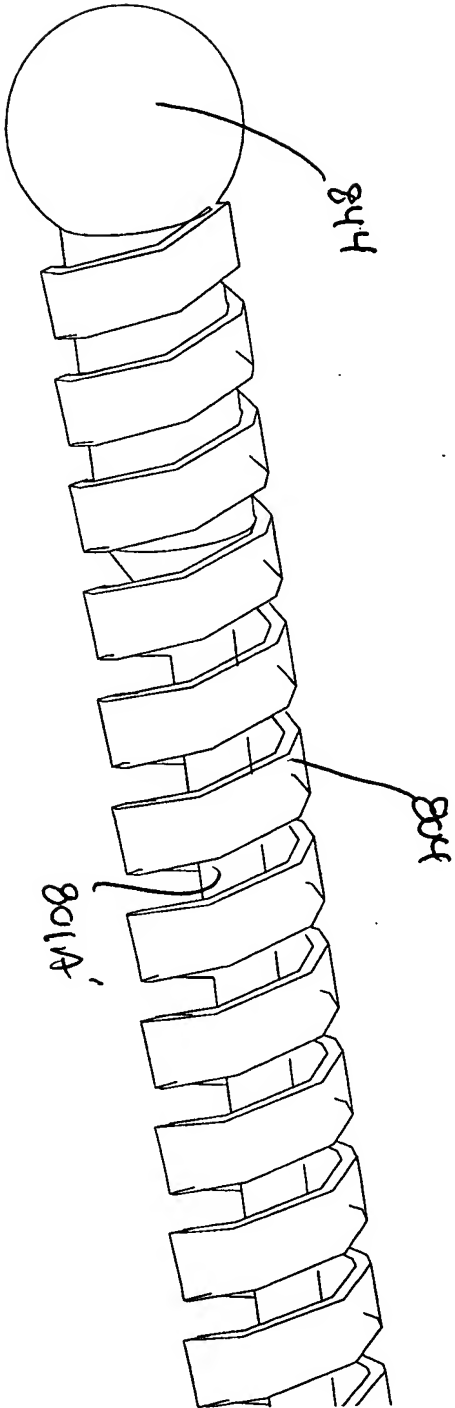


FIG. 112

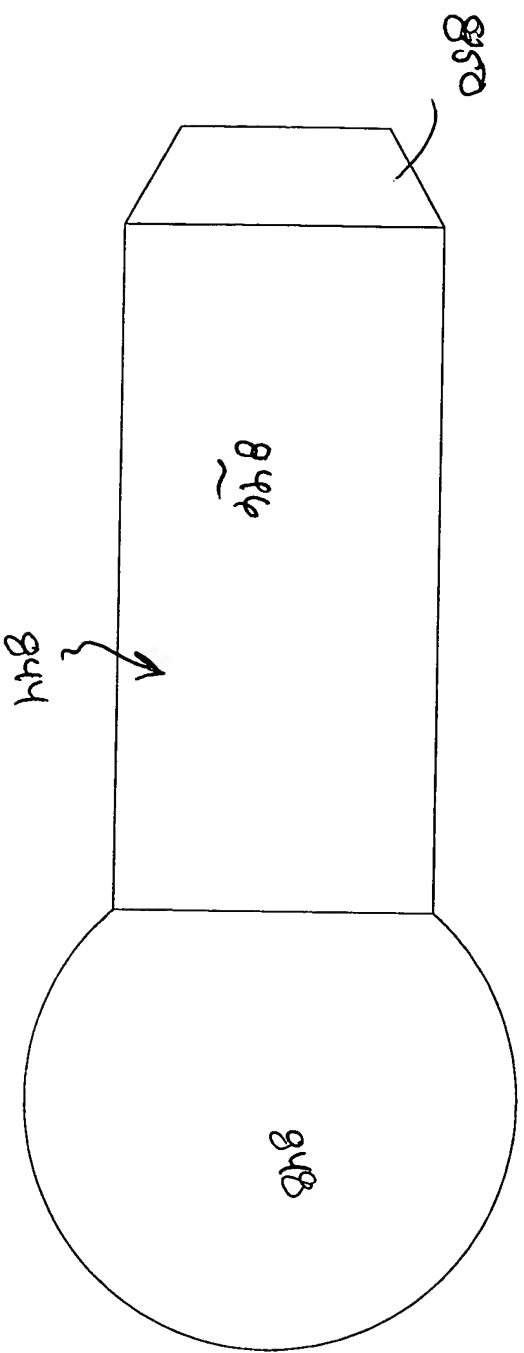
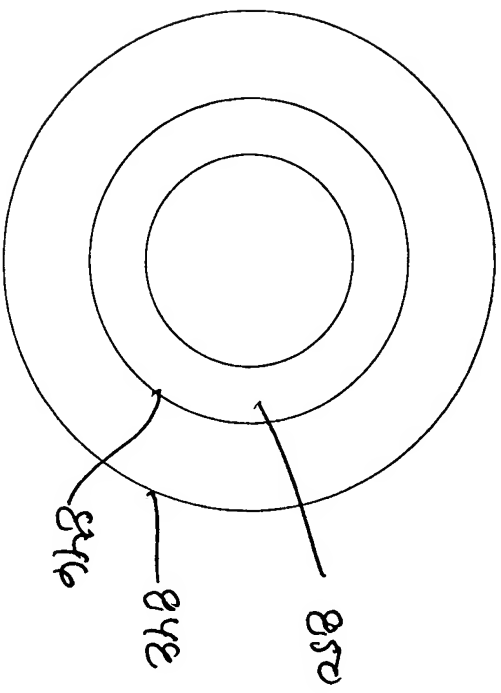


FIG. 113



F16.1134

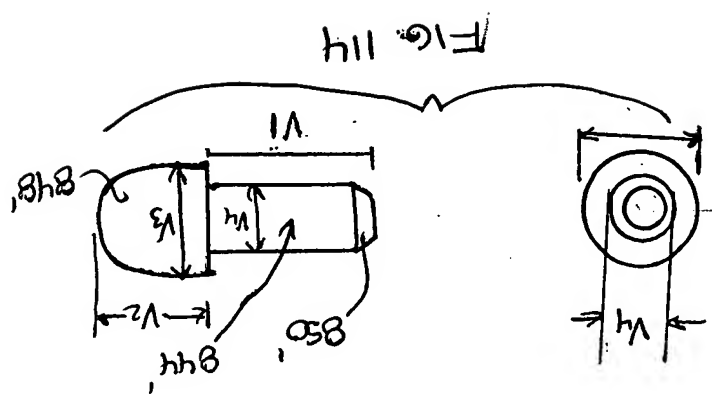
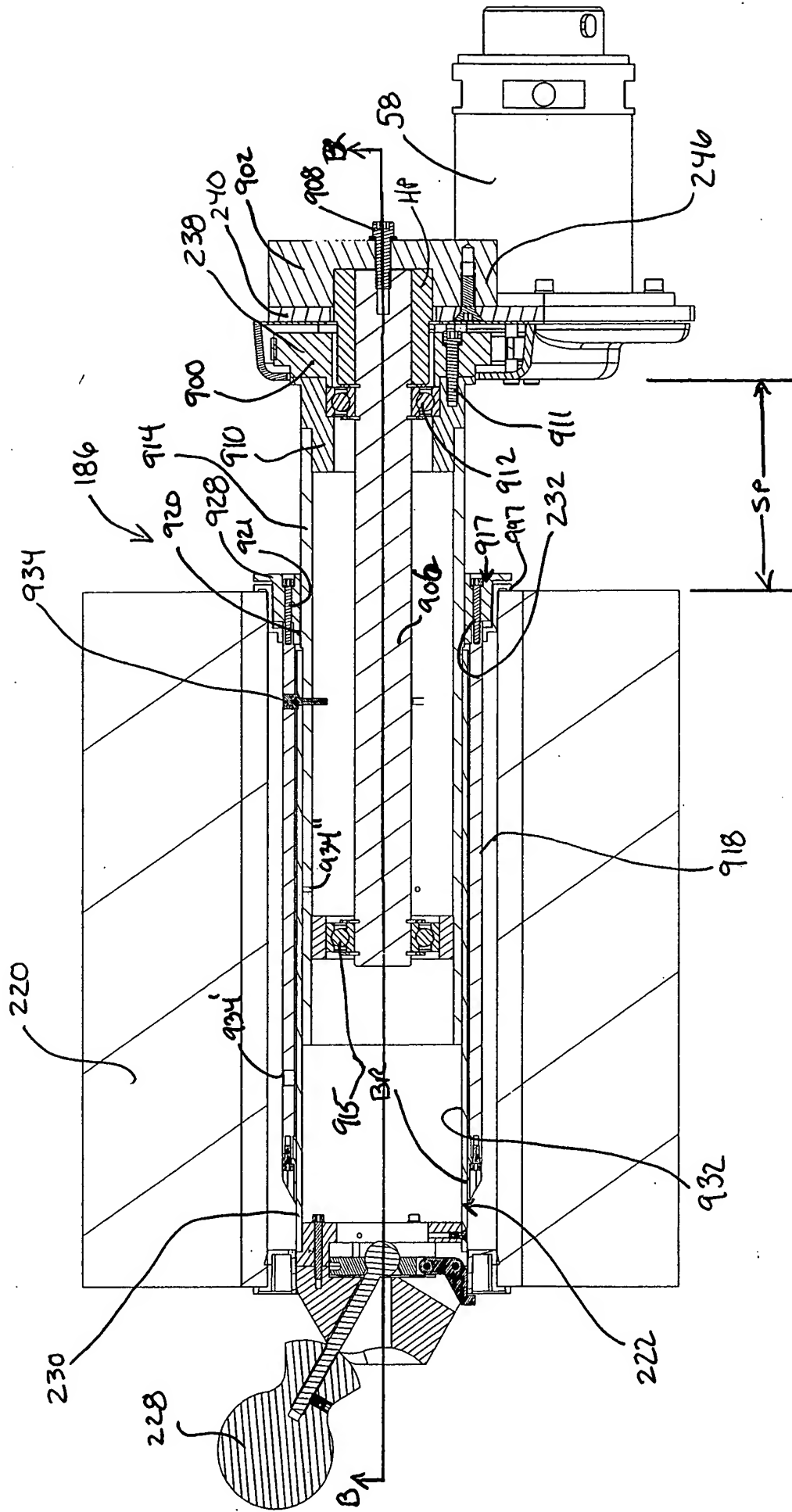


FIG. 115





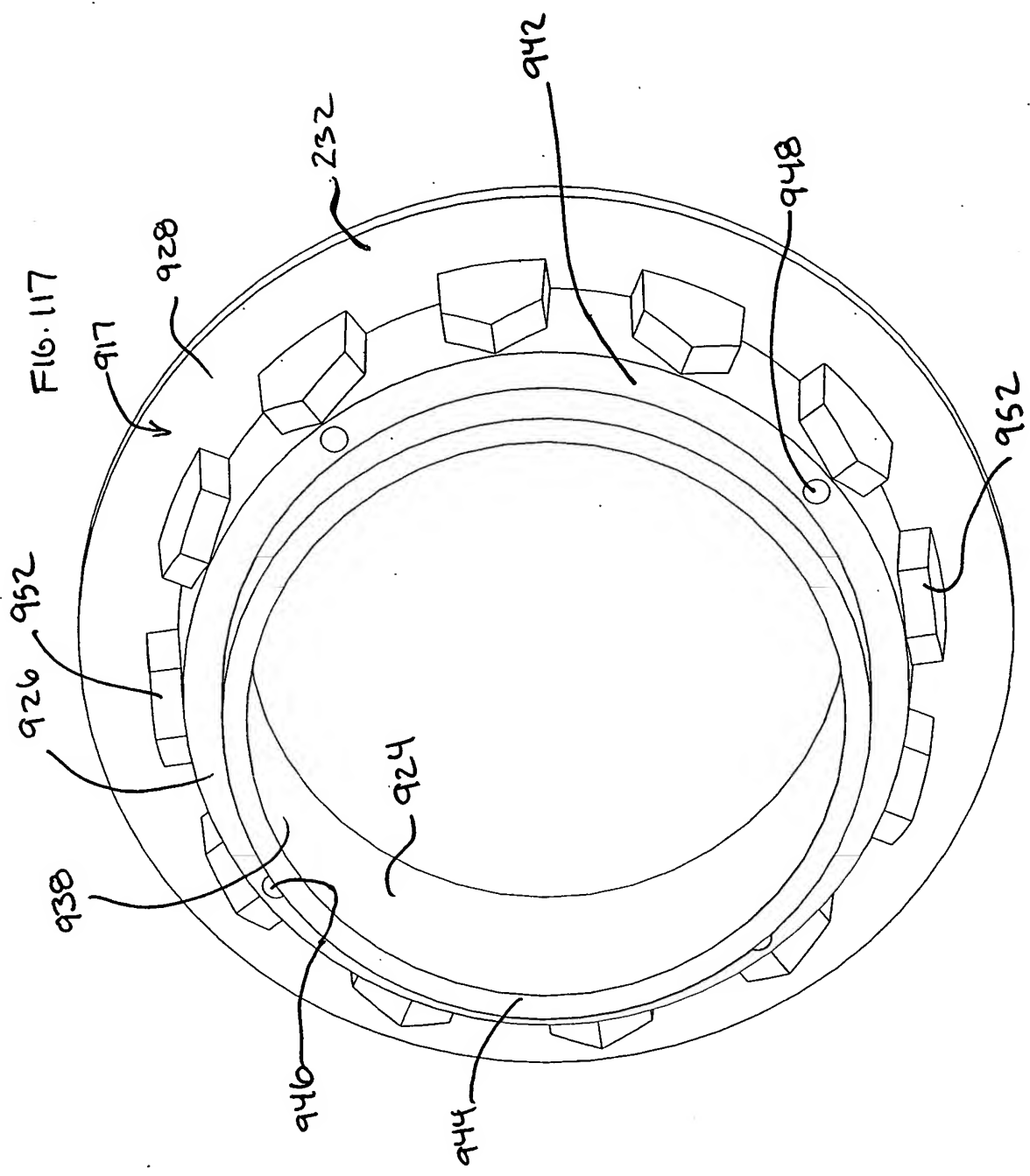


FIG. 117

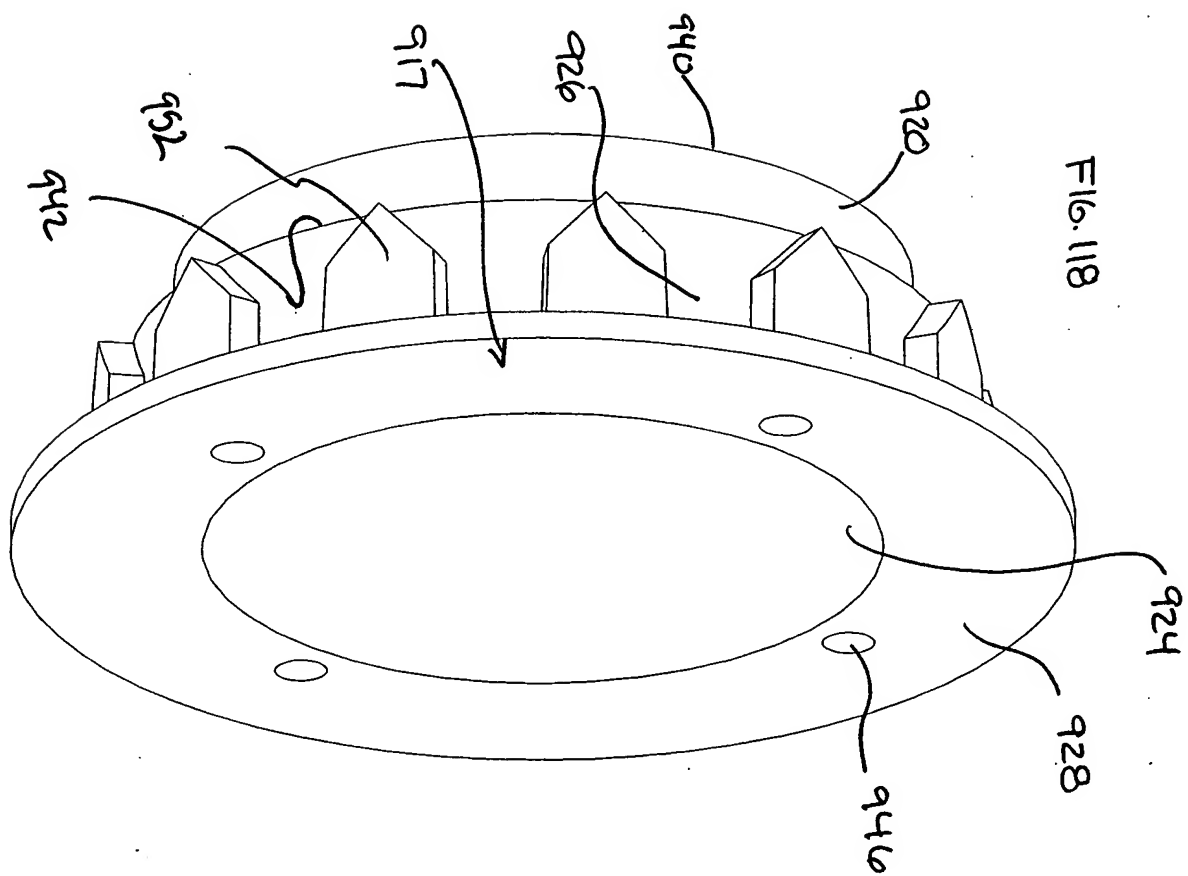
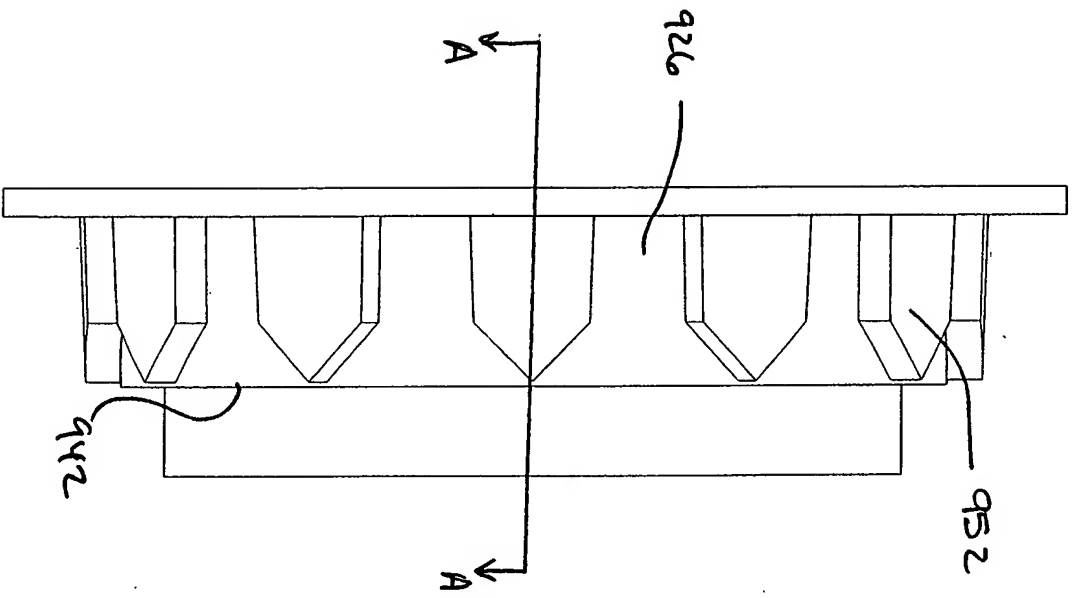
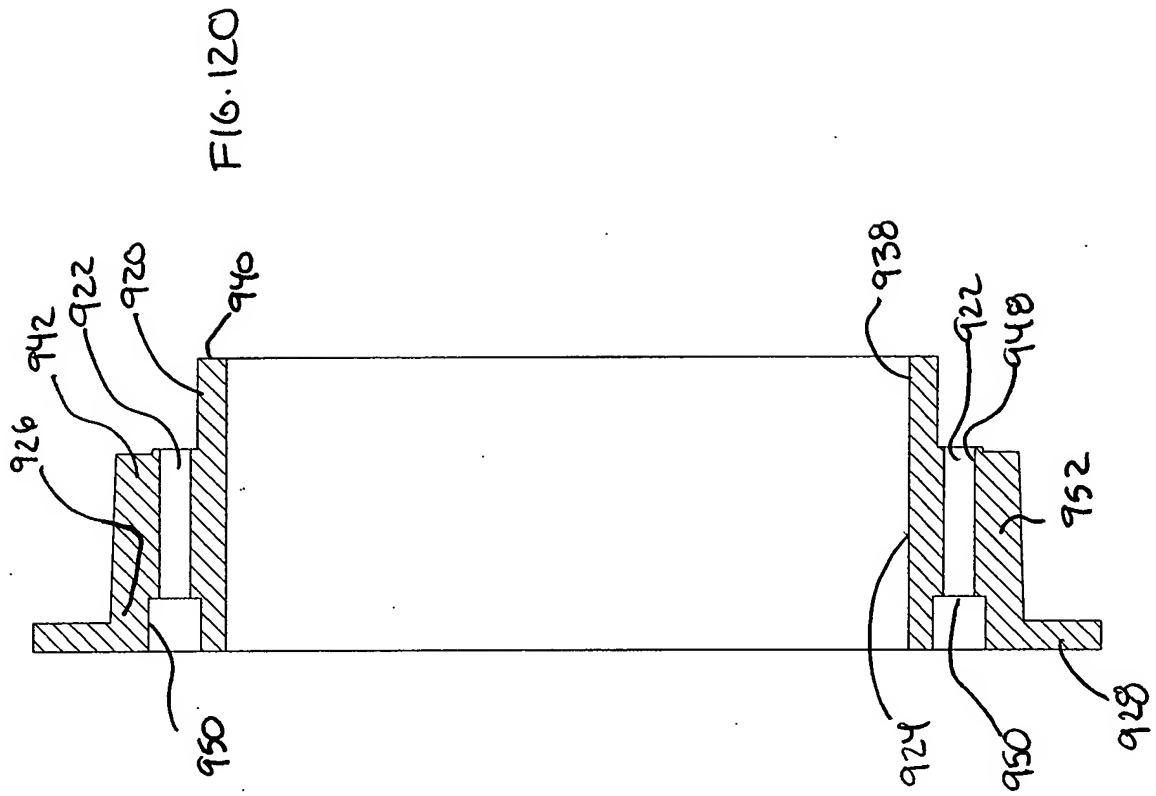
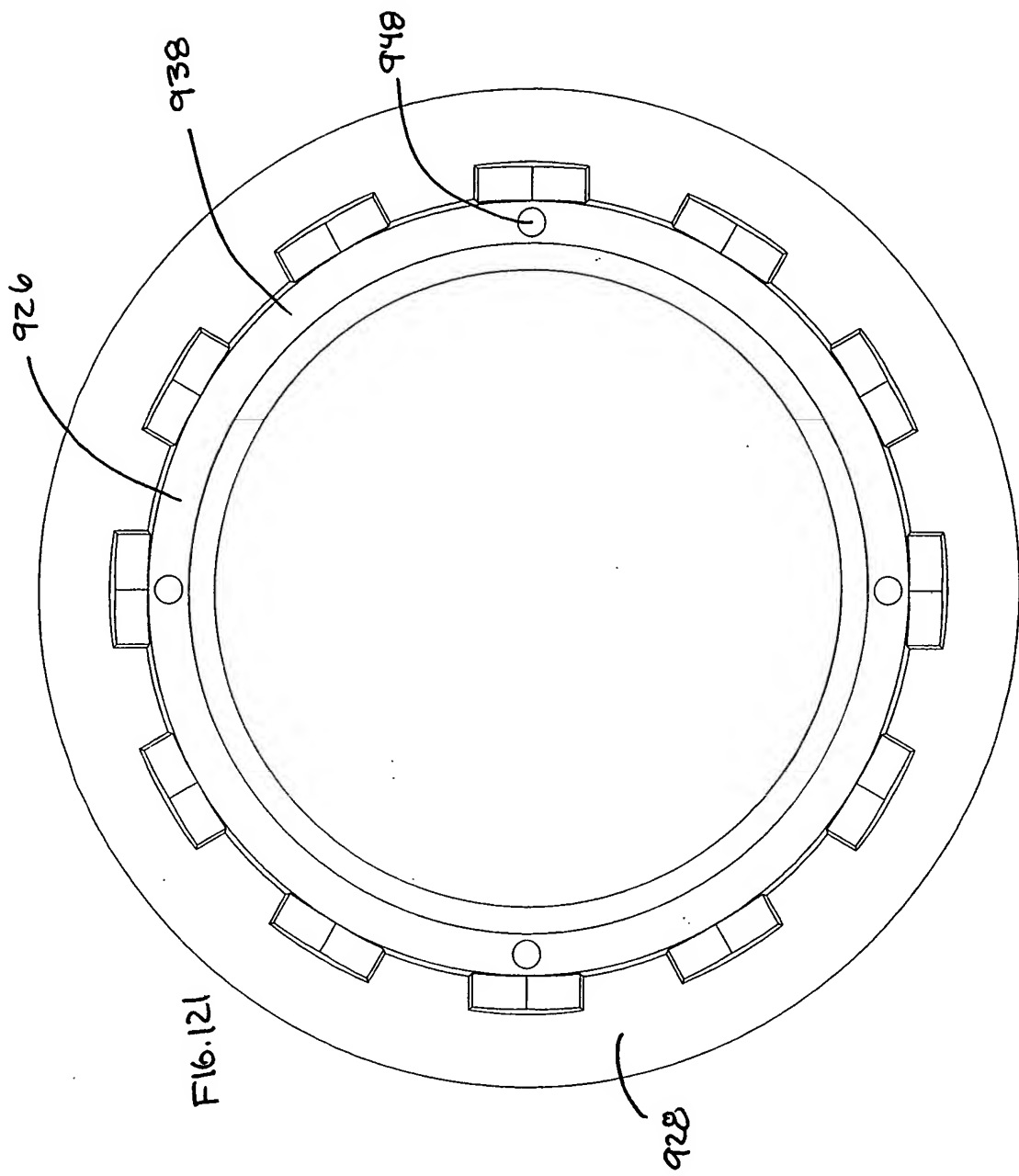


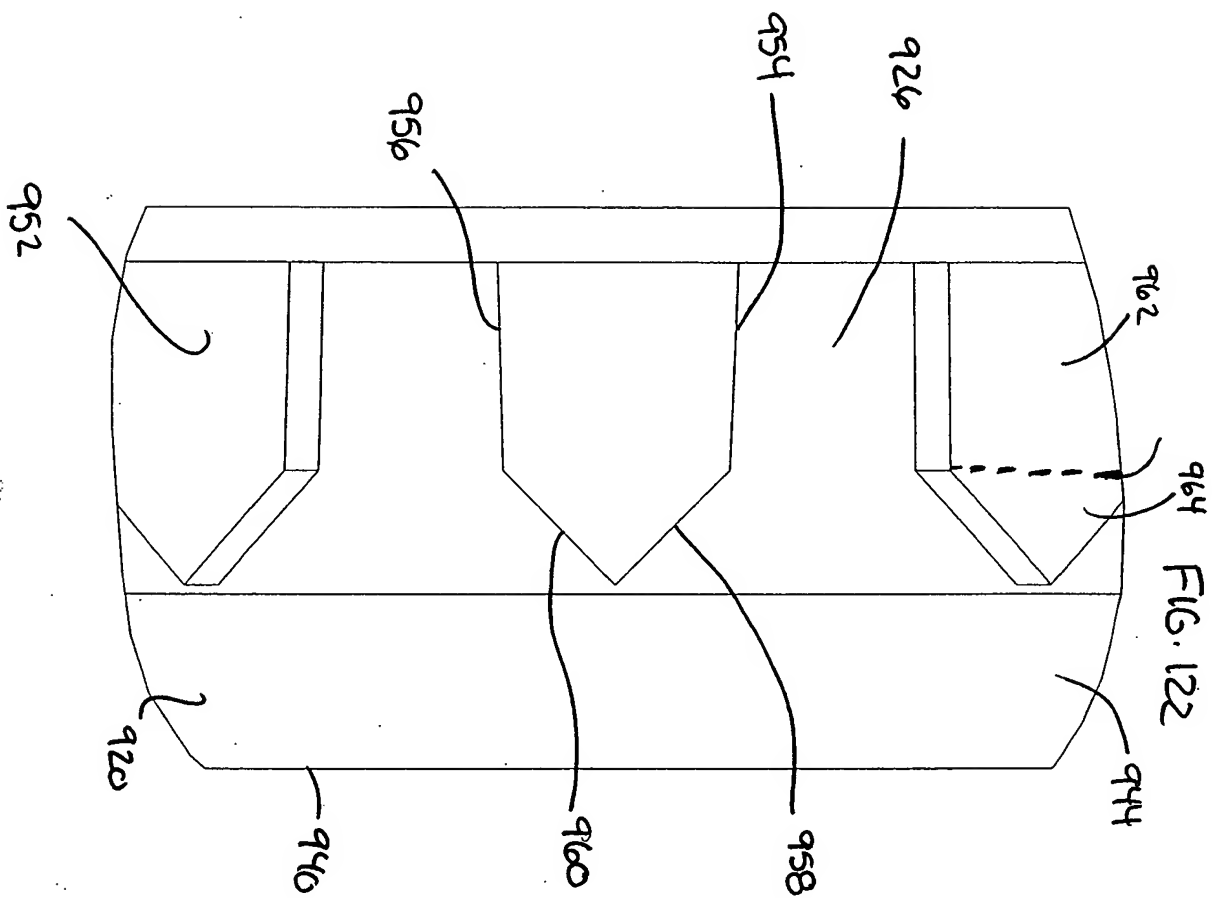
FIG. 118

FIG. 11A









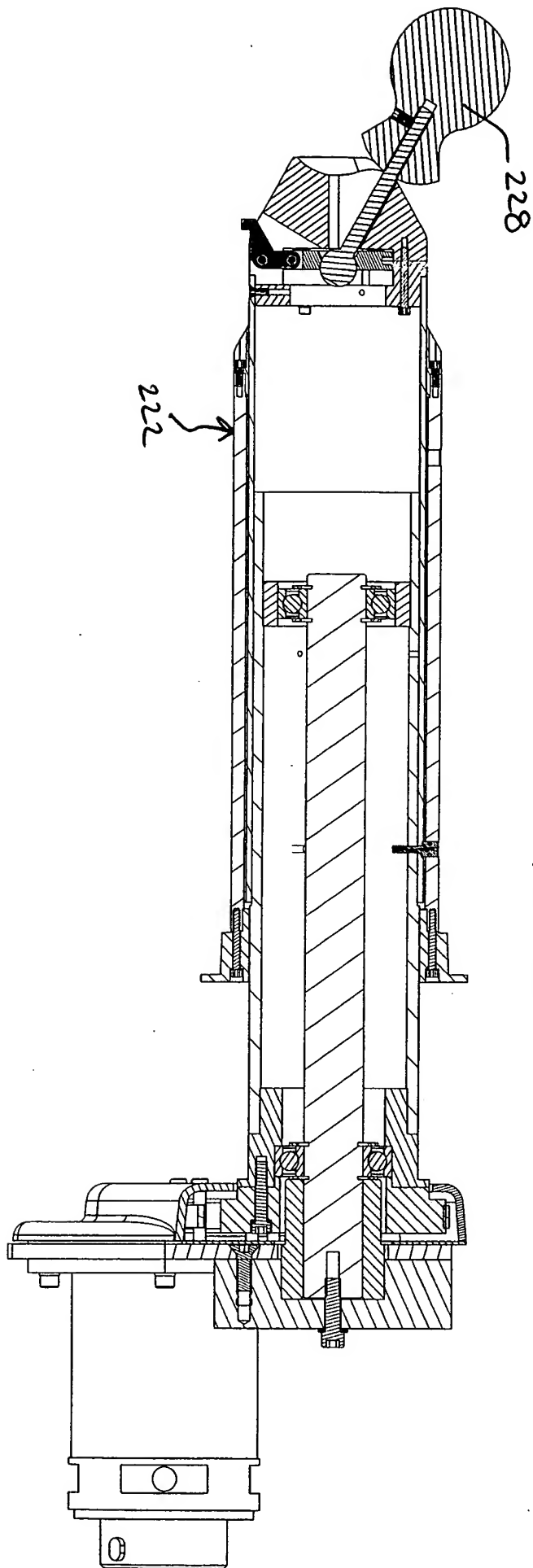


FIG. 123

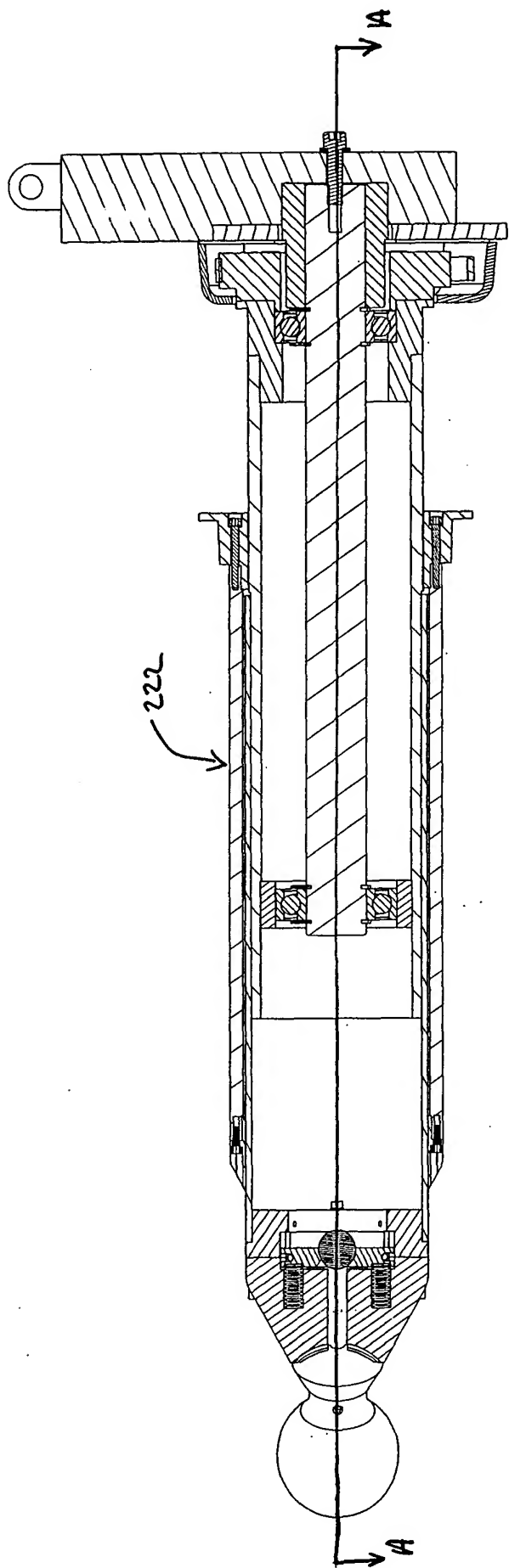


FIG. 124

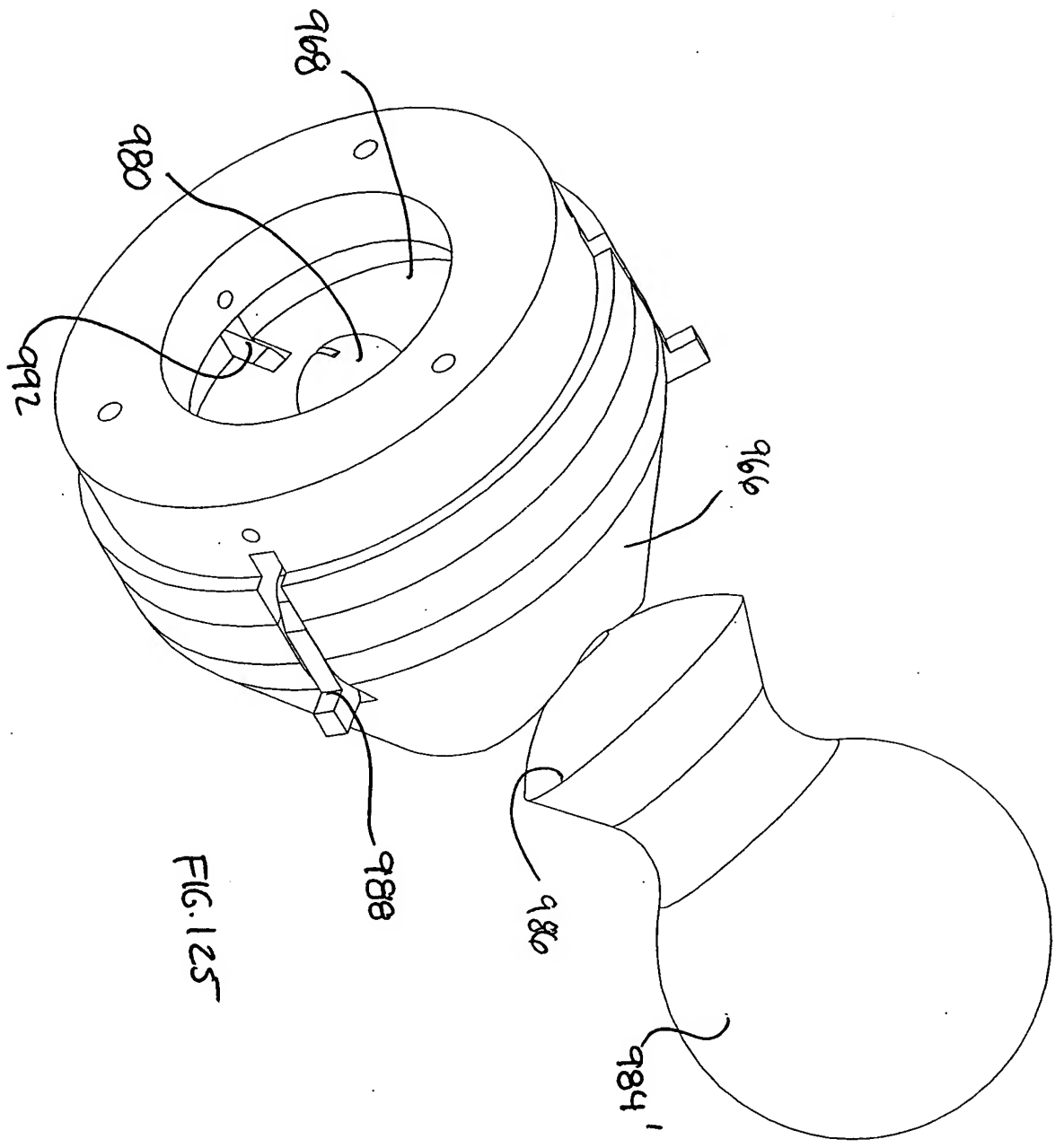


FIG. 125

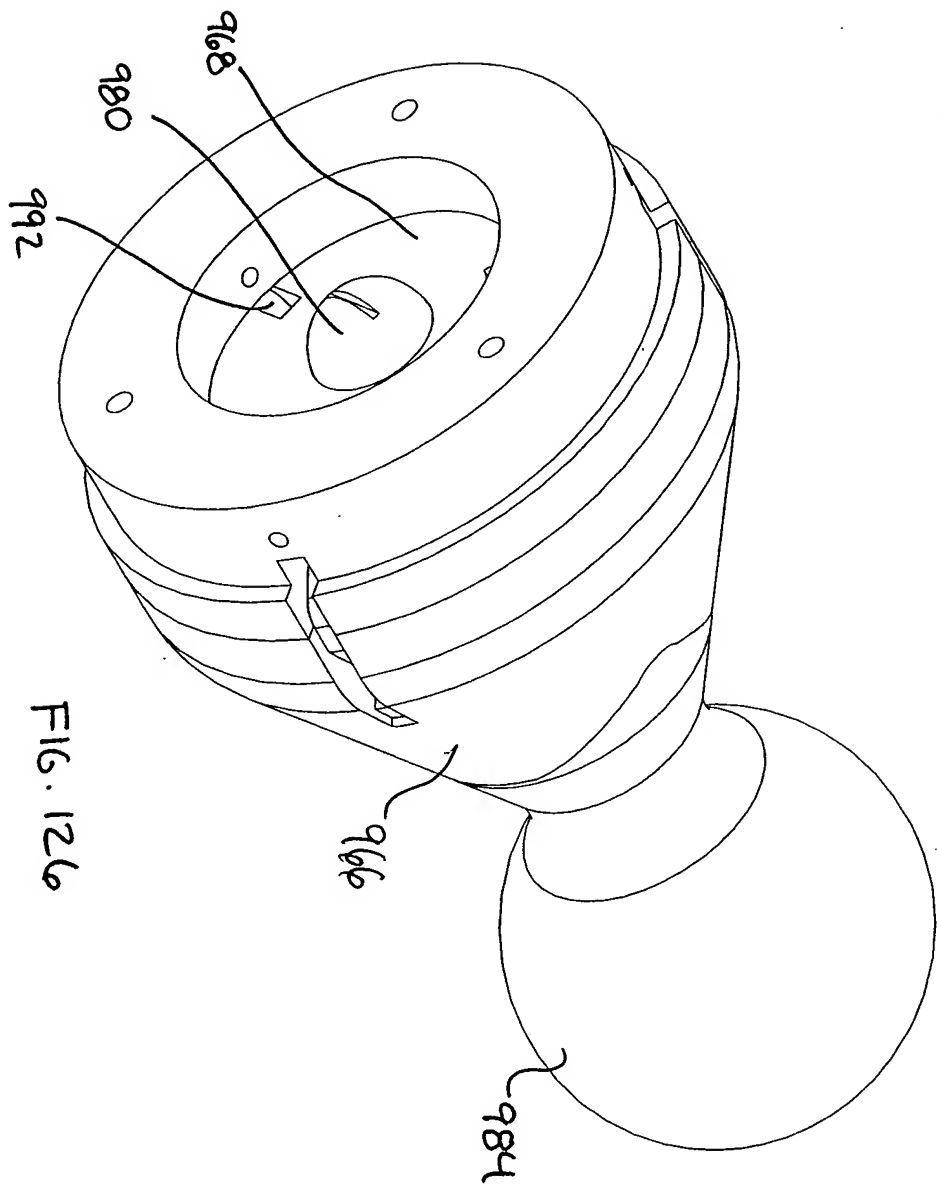


FIG. 126

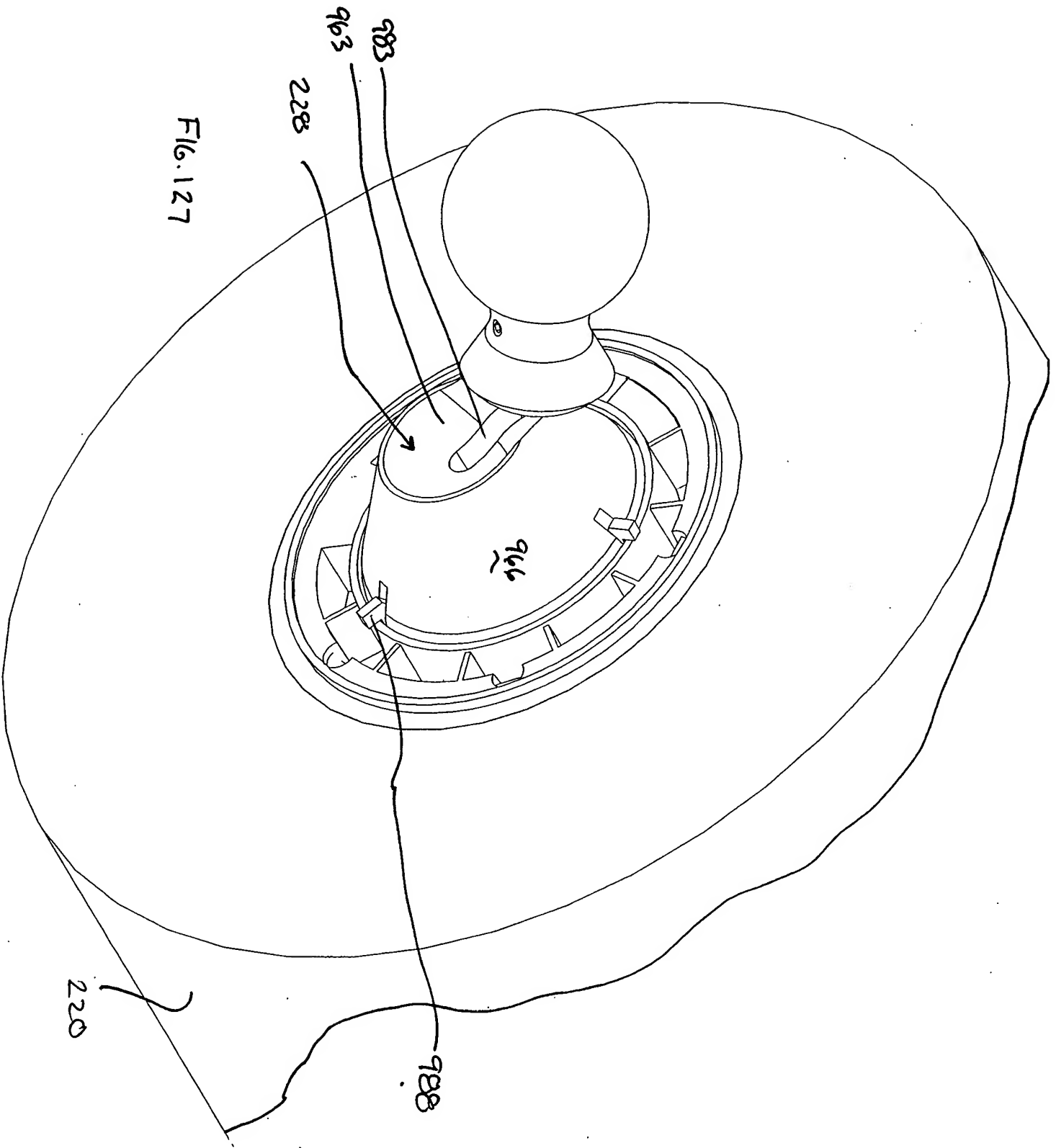


FIG. 127

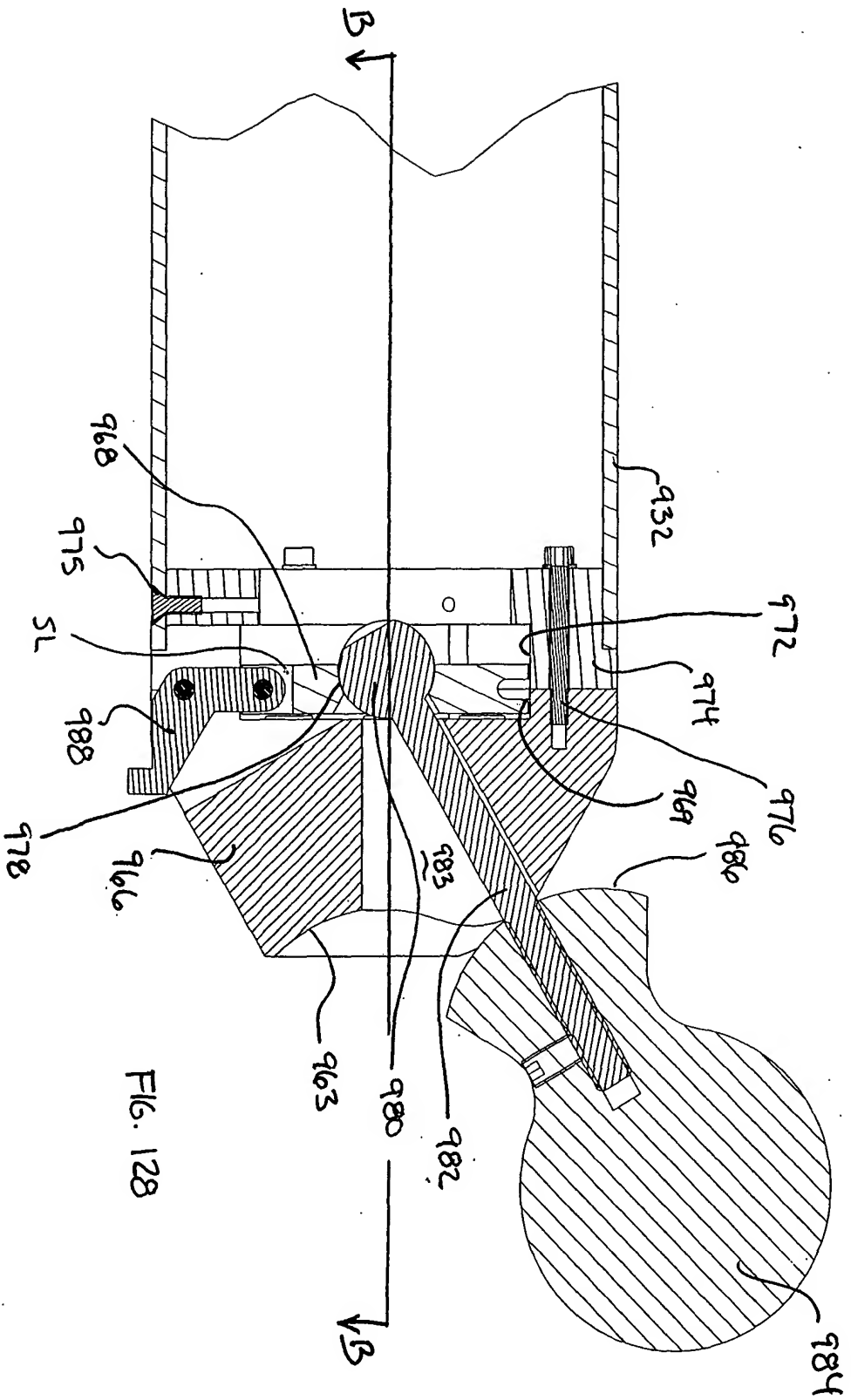


FIG. 128

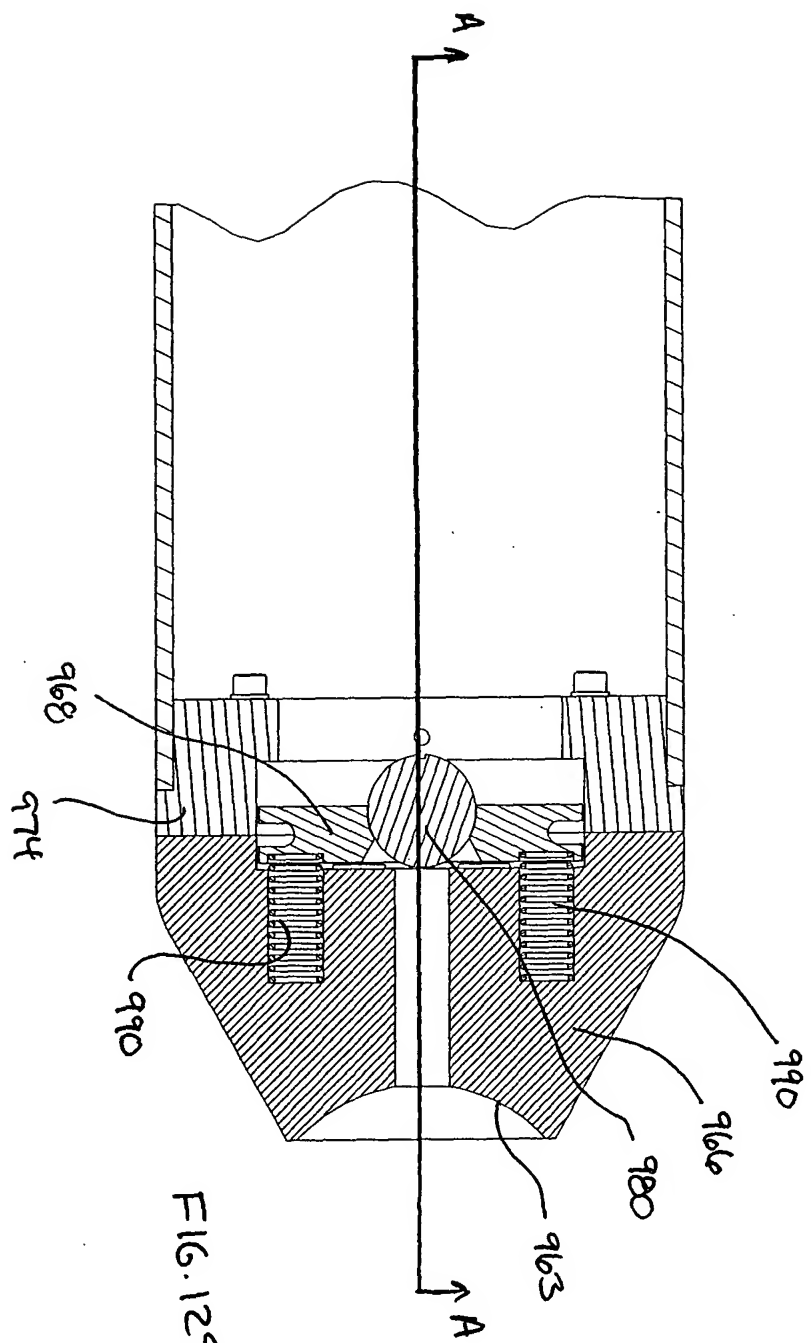


FIG. 129

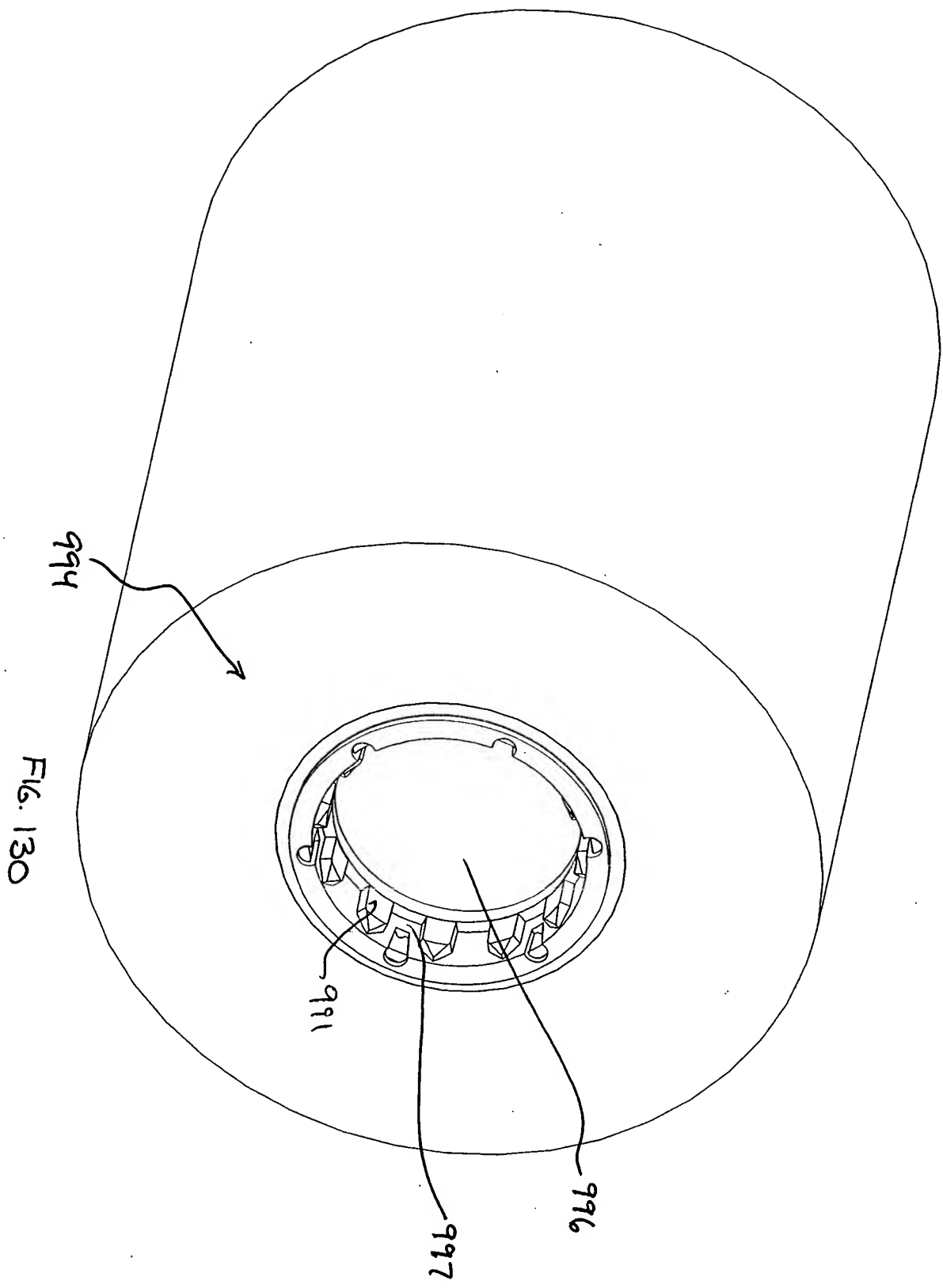


FIG. 130

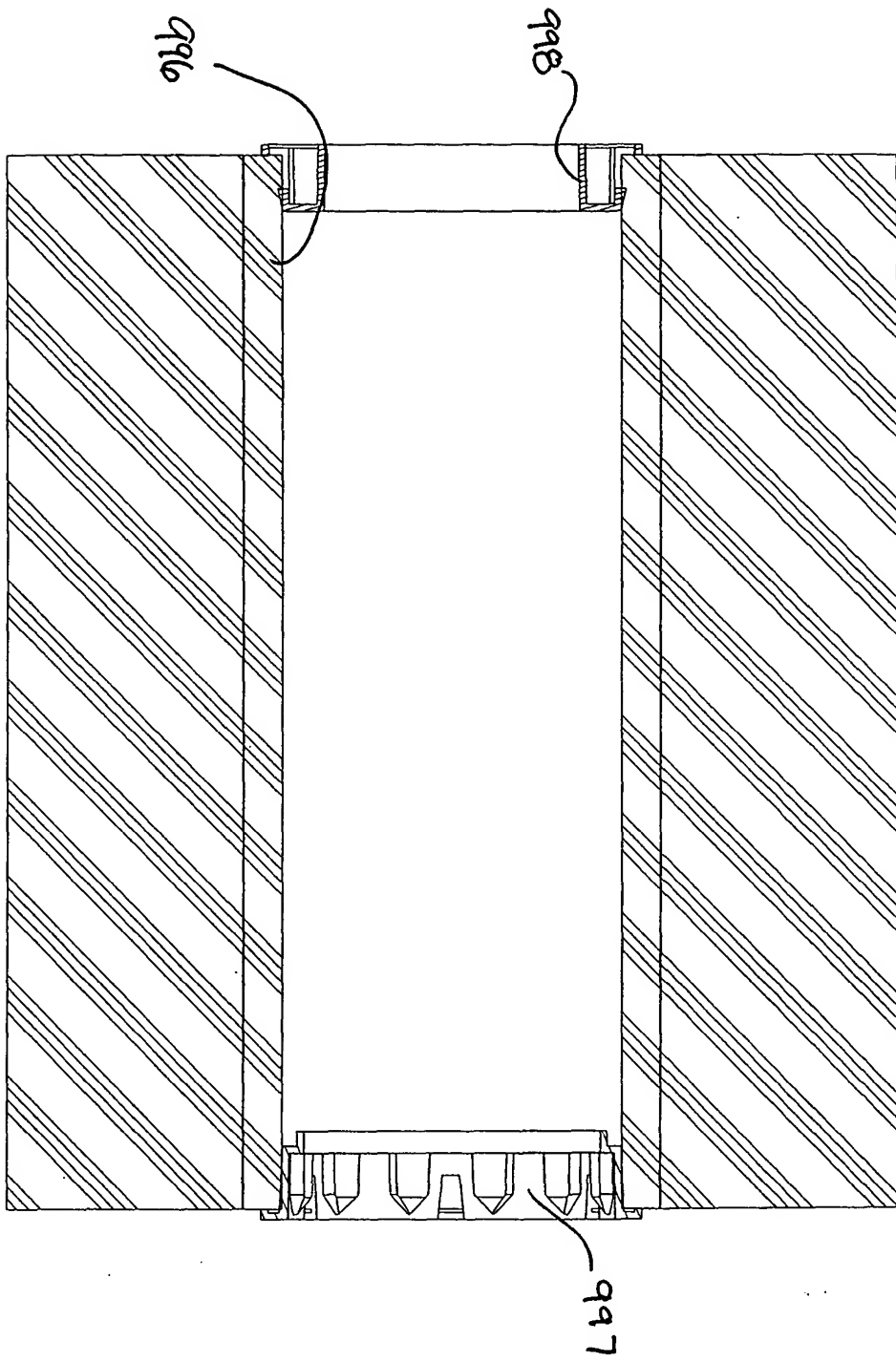


FIG. 131

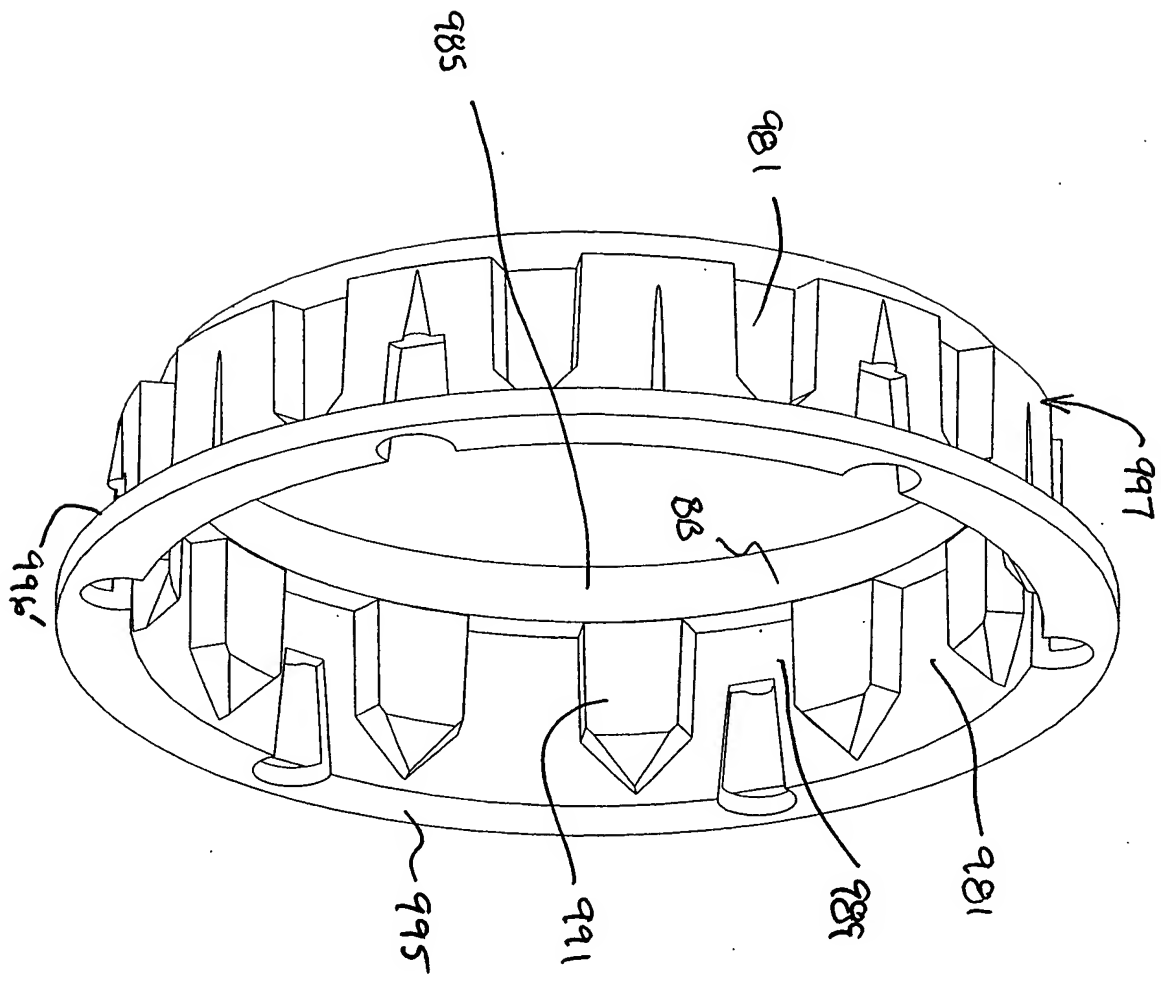


FIG. 132

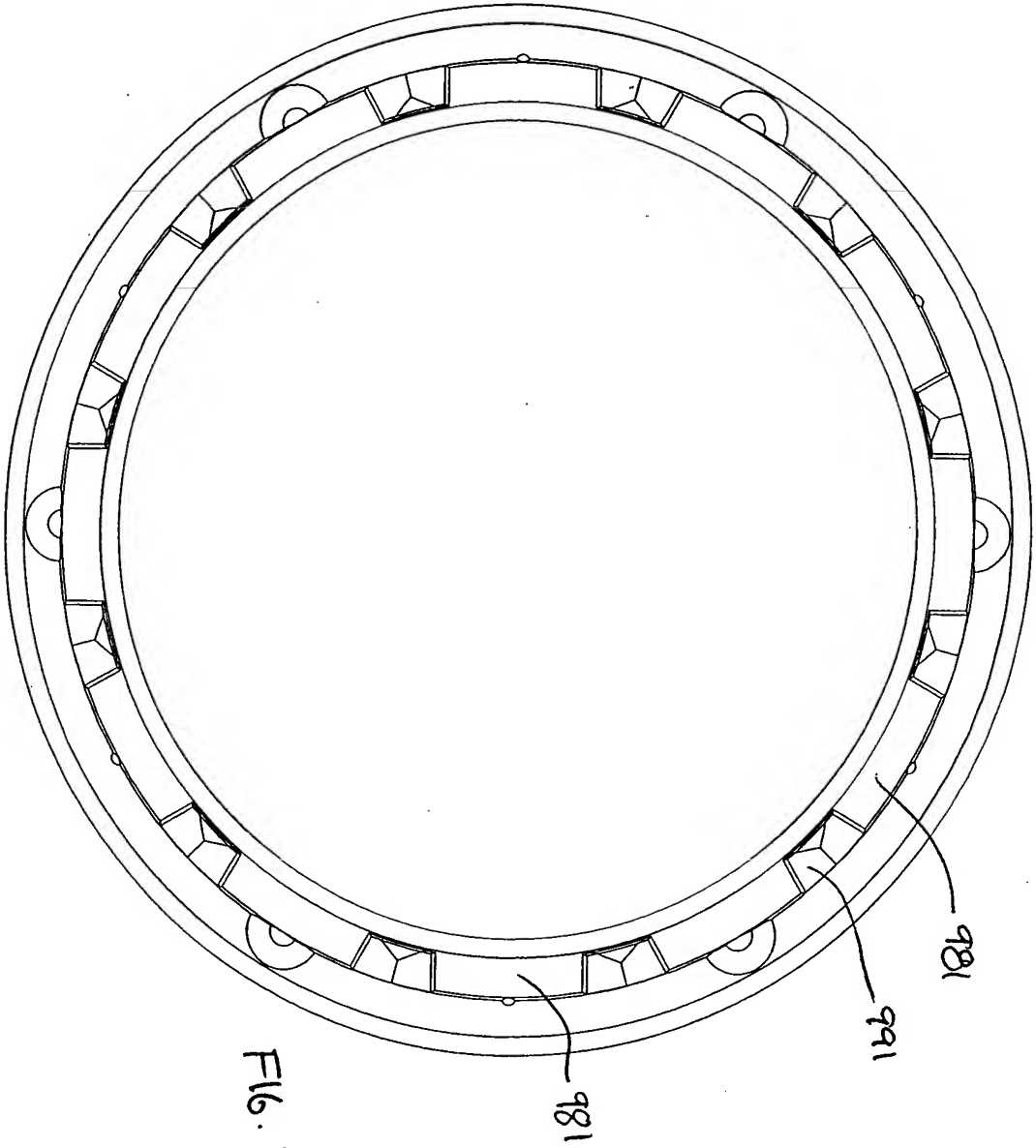
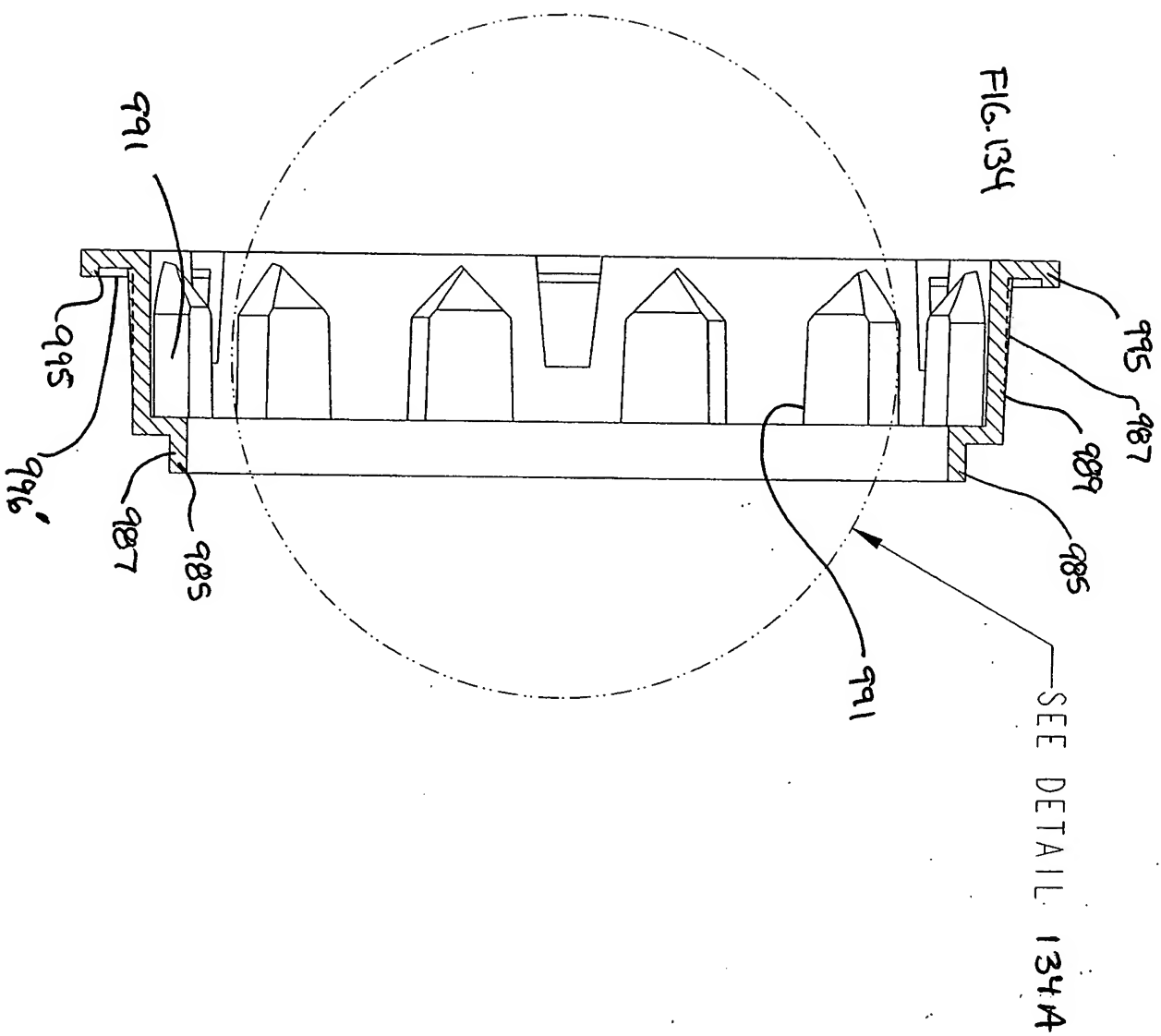


FIG. 133



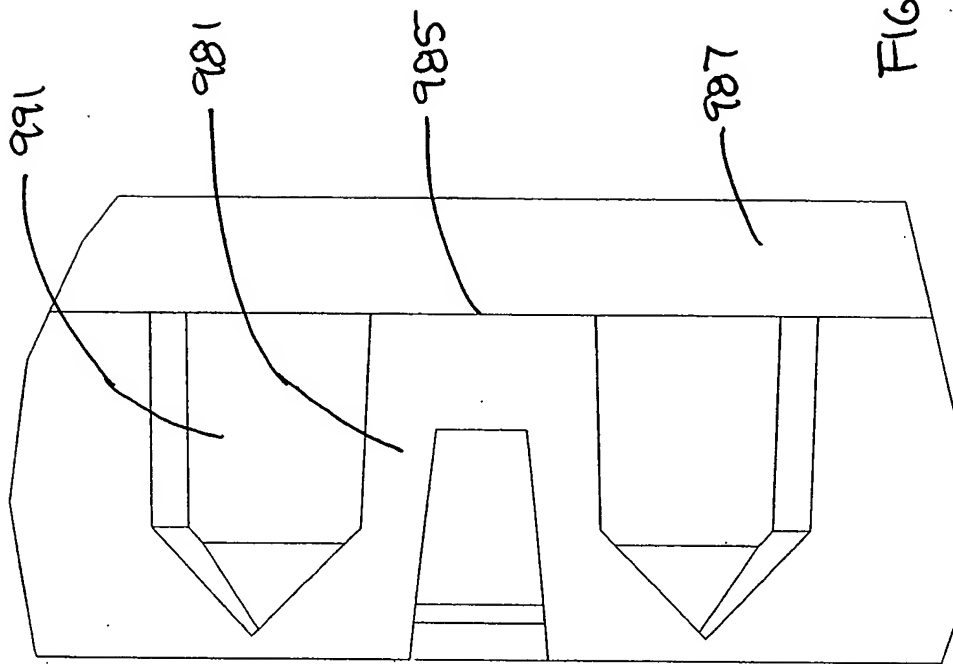
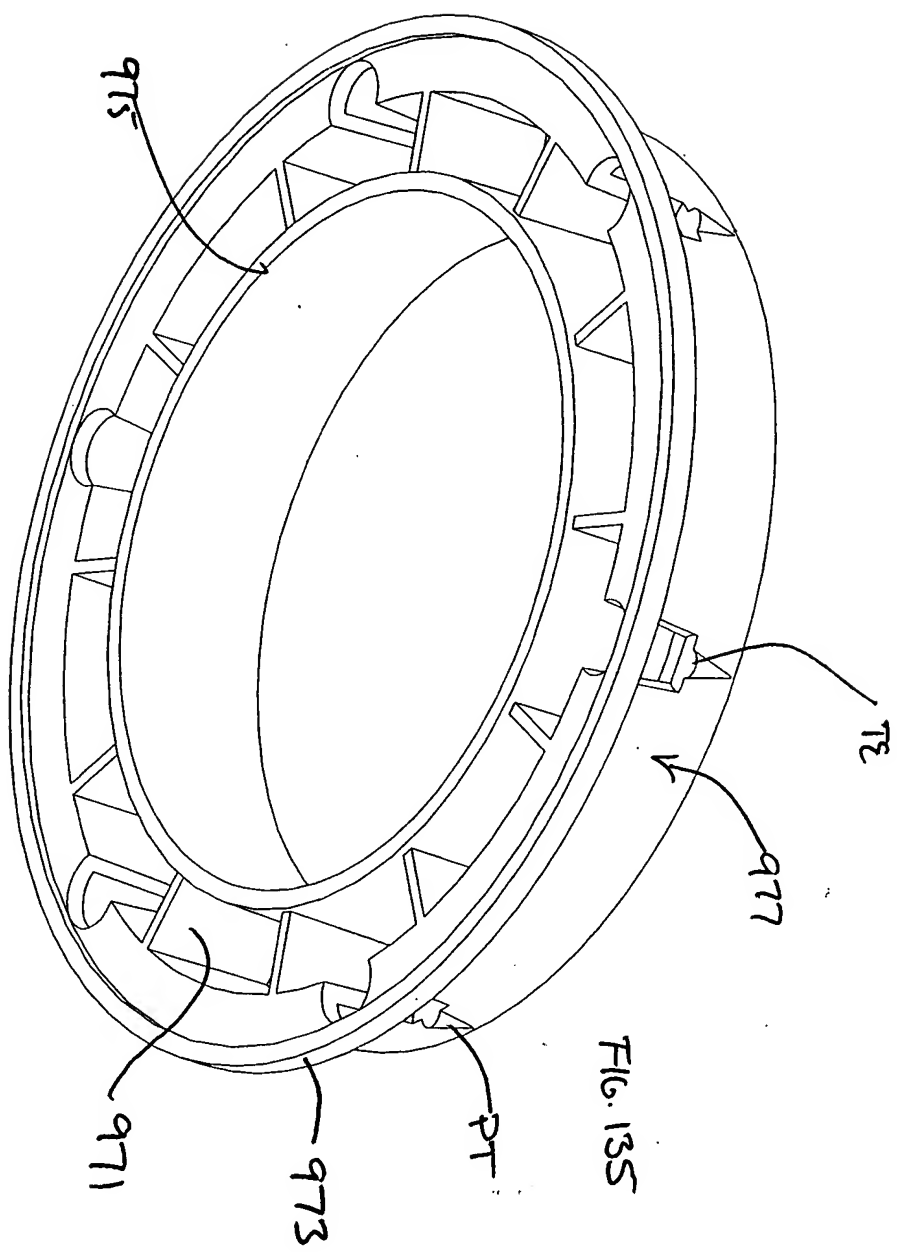
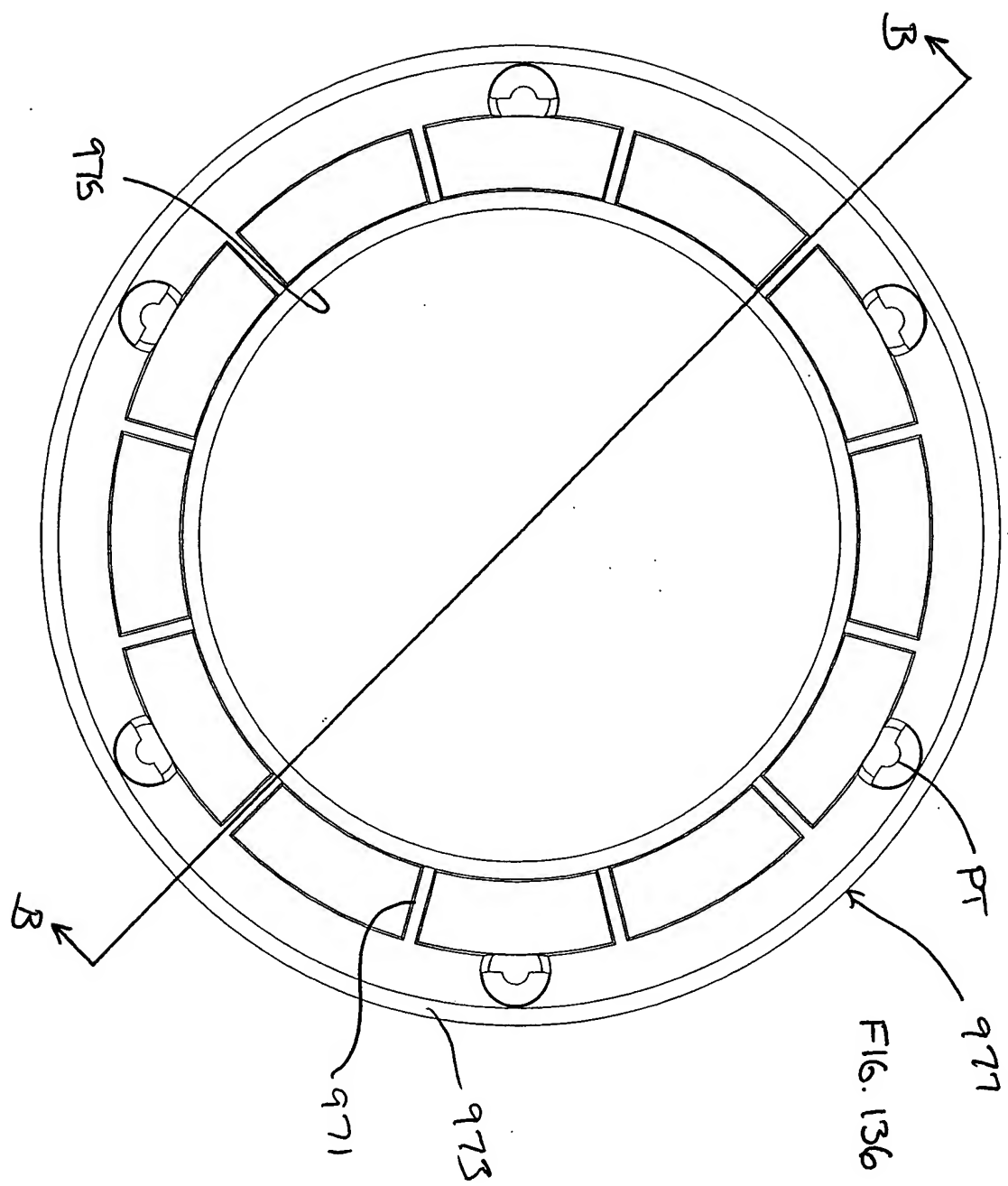


FIG. 134A





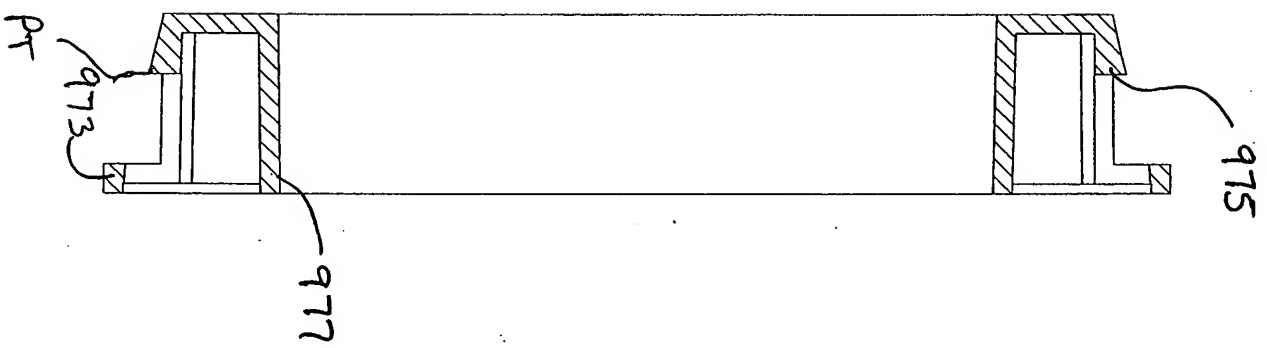


FIG. 137

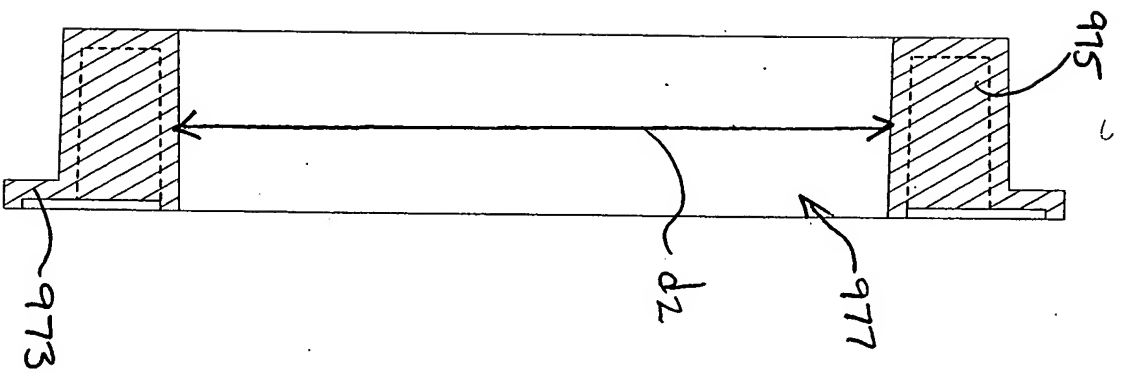
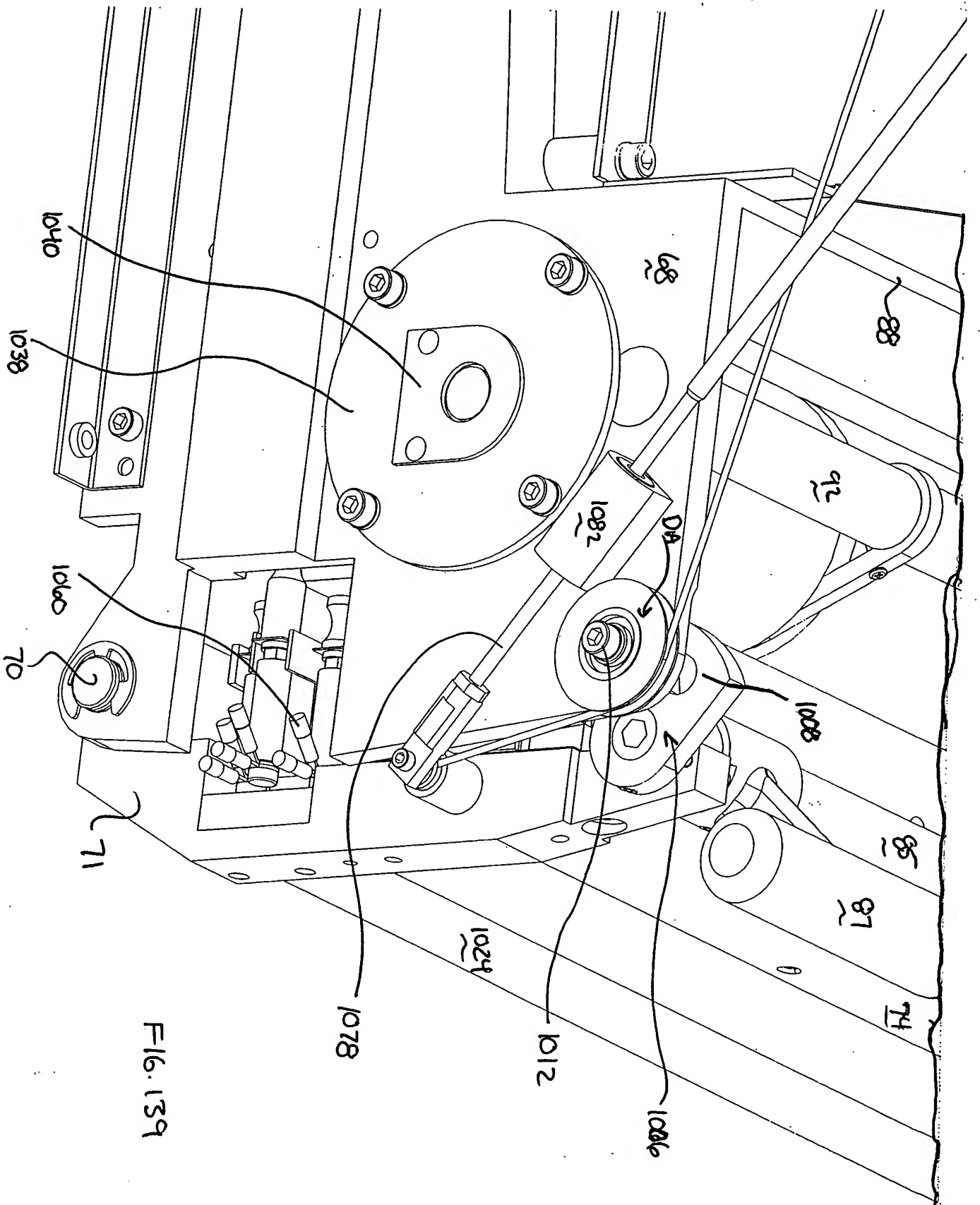
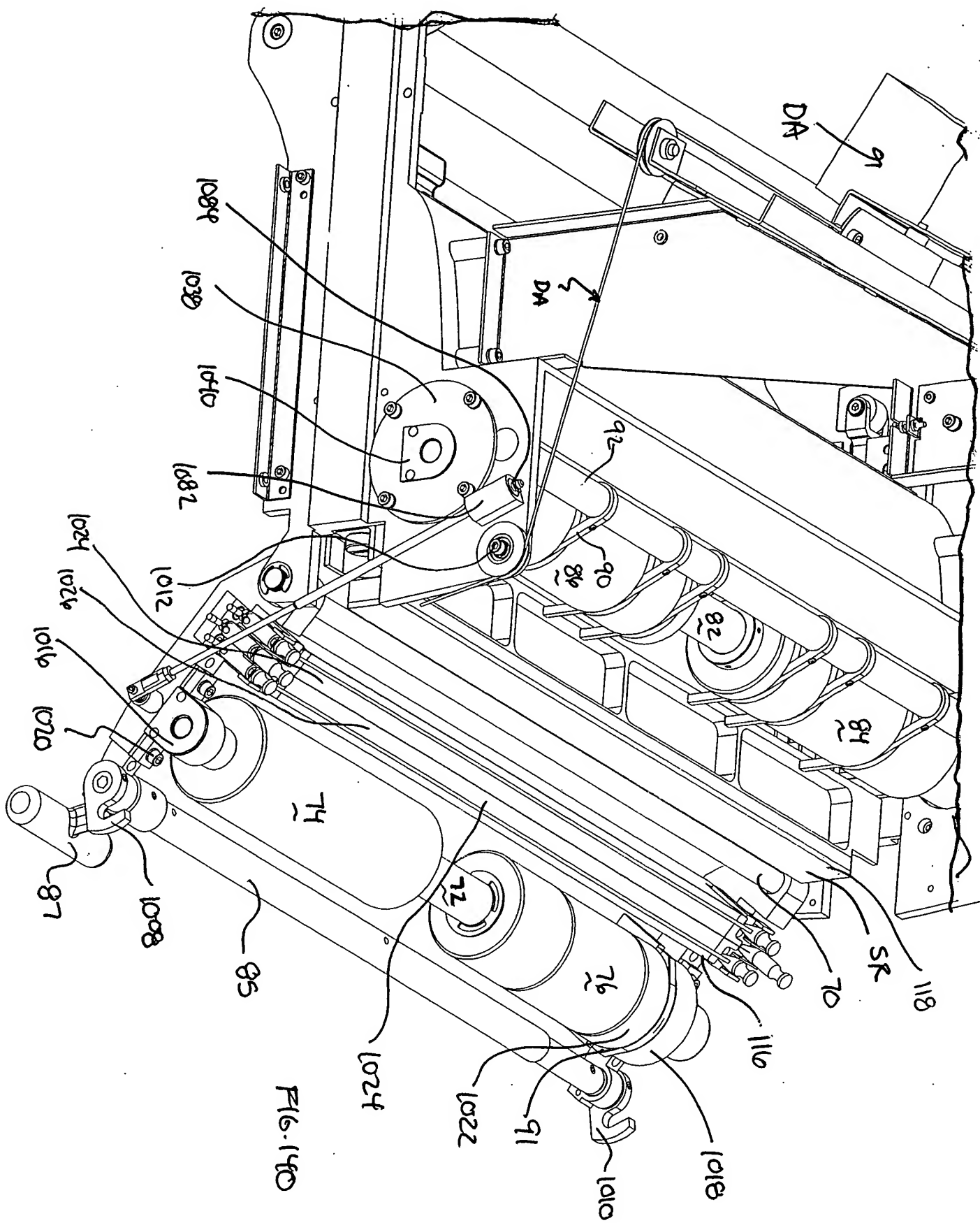
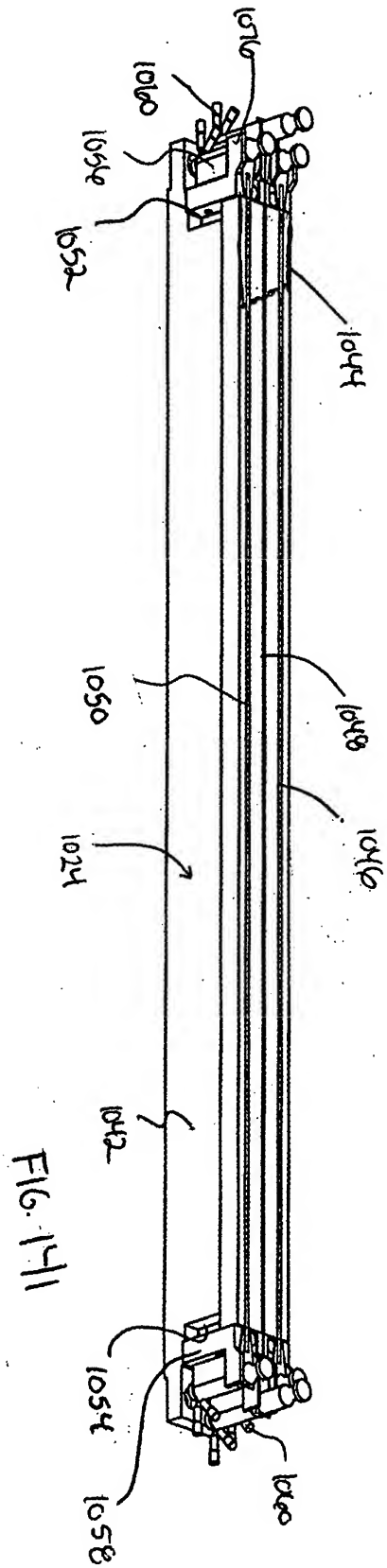


FIG. 138



F16.139





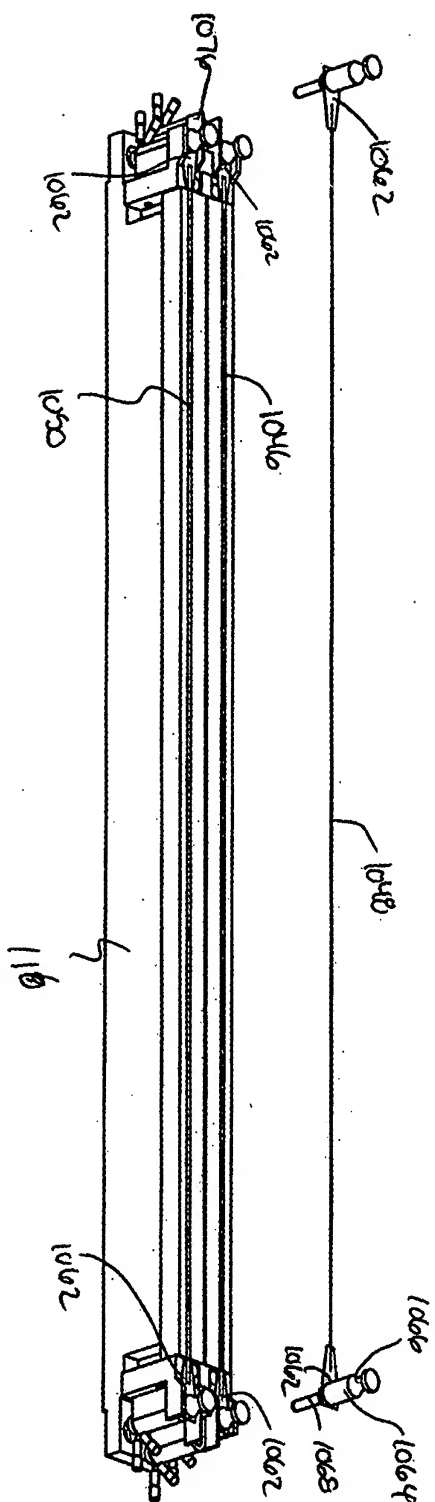


FIG. 142

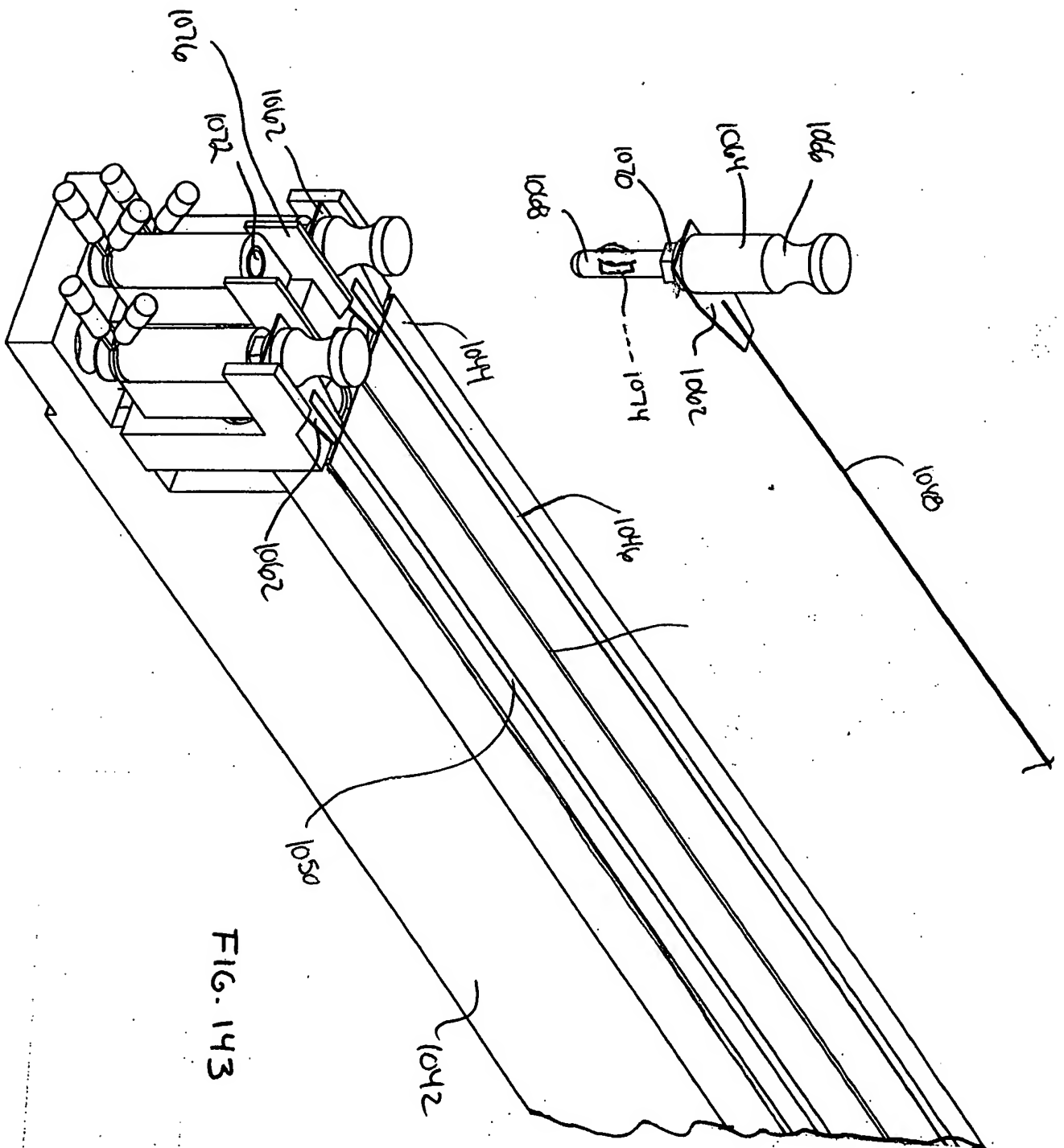
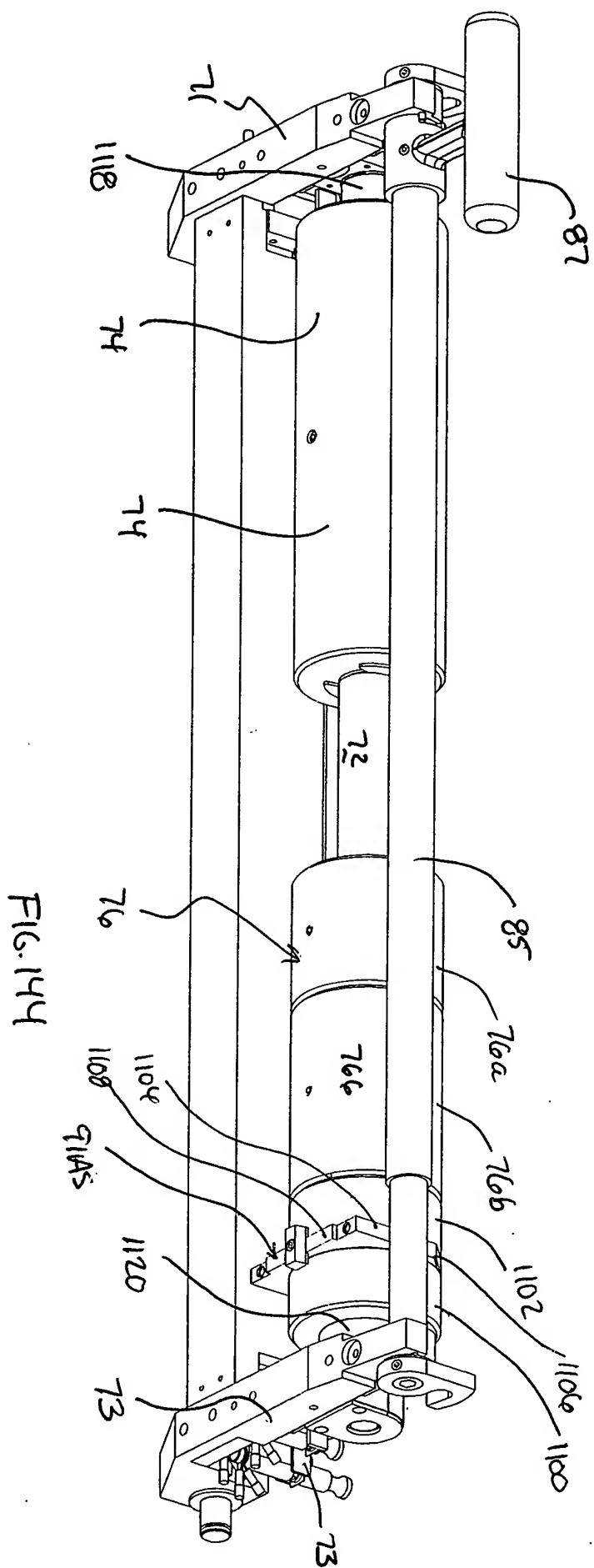
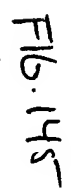


FIG. 143





F16.145

FIG. 14C

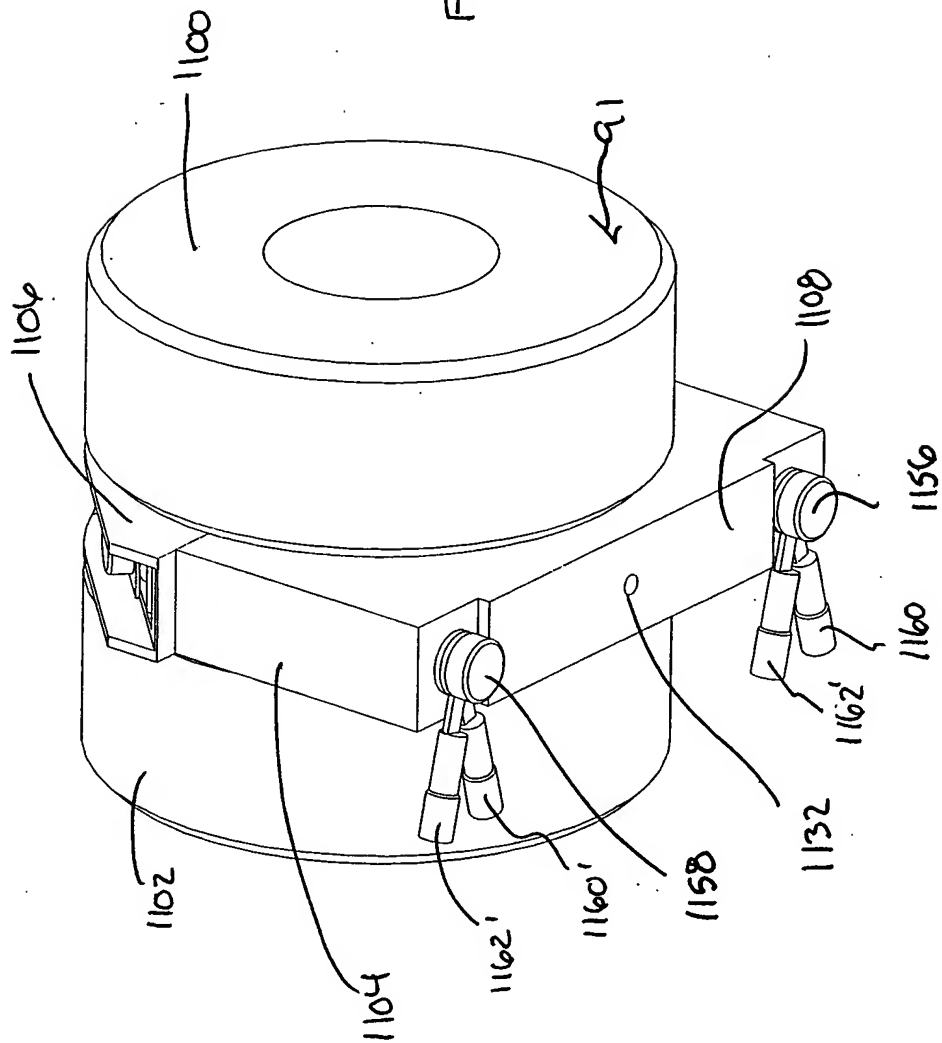


FIG. 146A

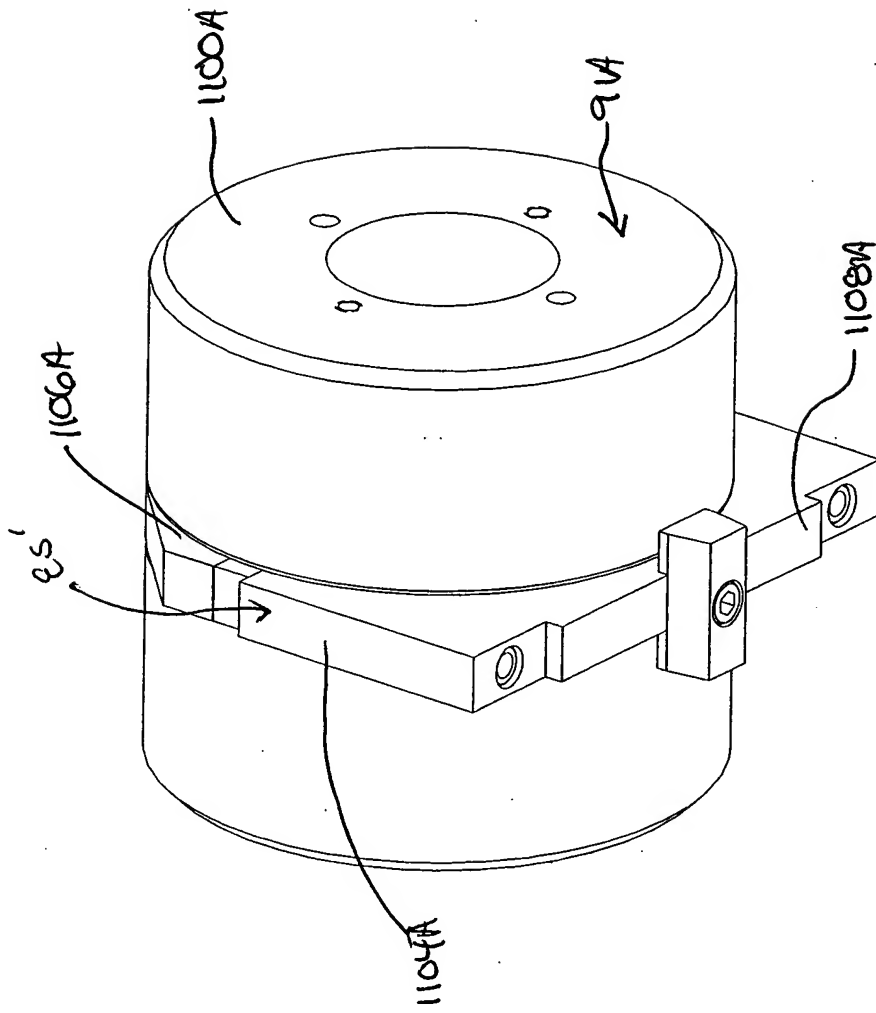


FIG. 147

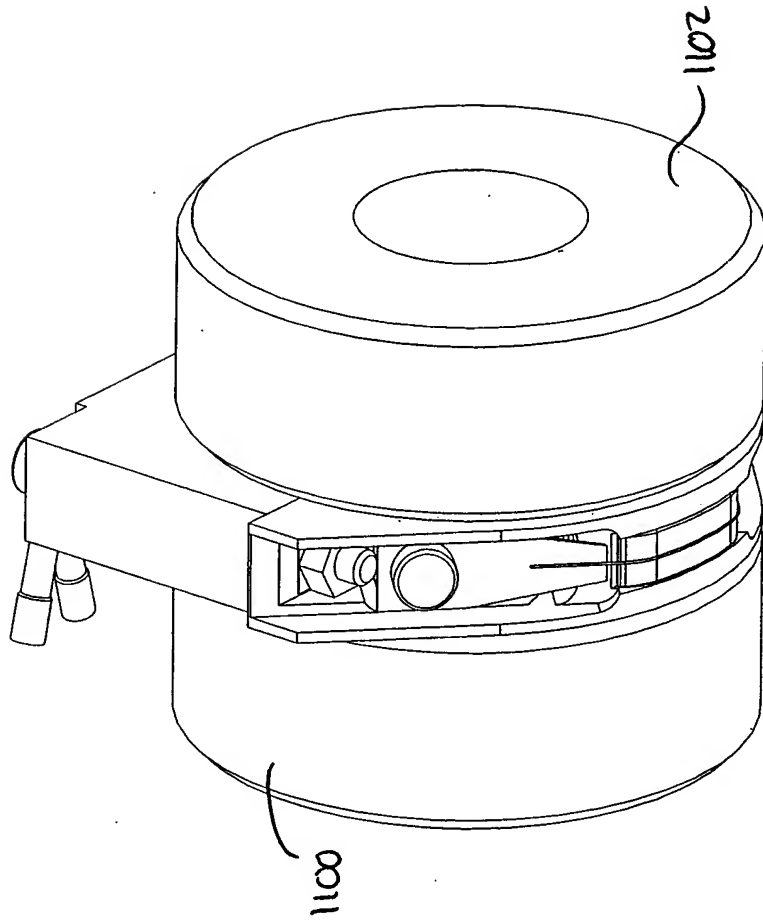
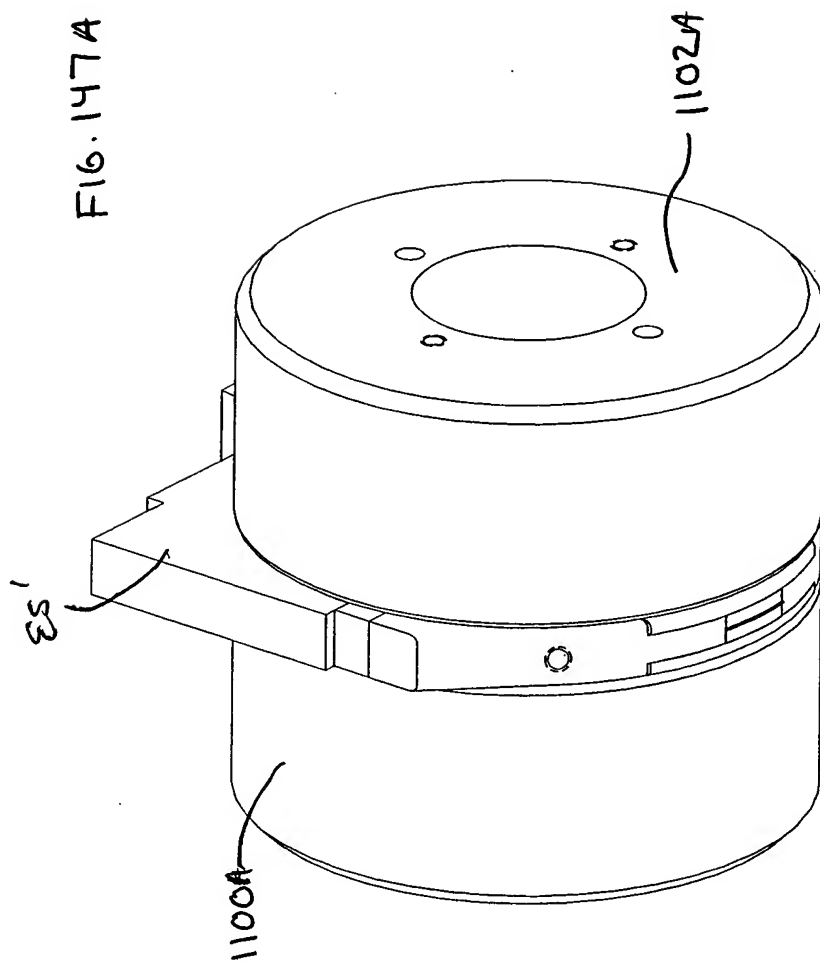
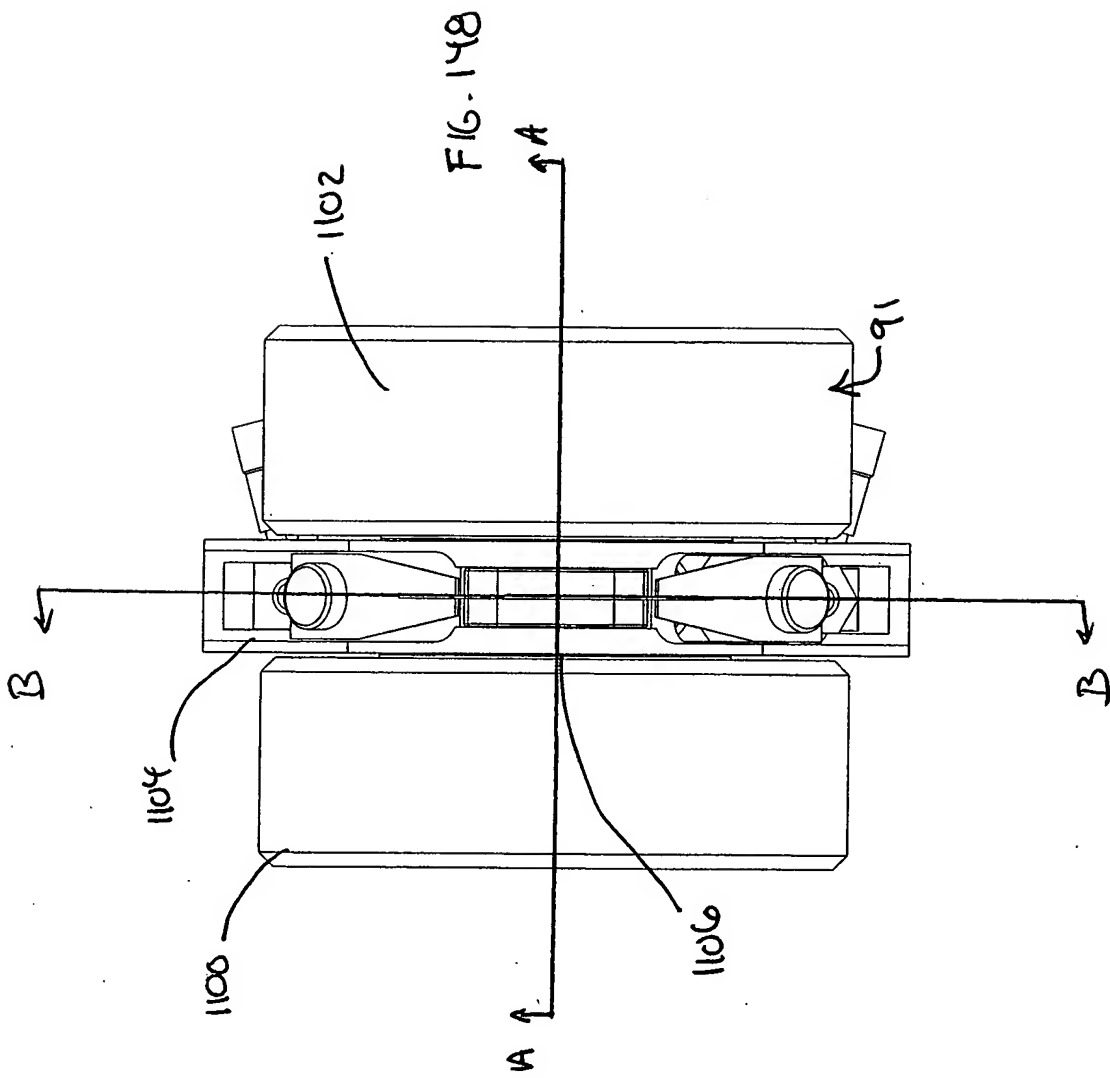


FIG. 147A







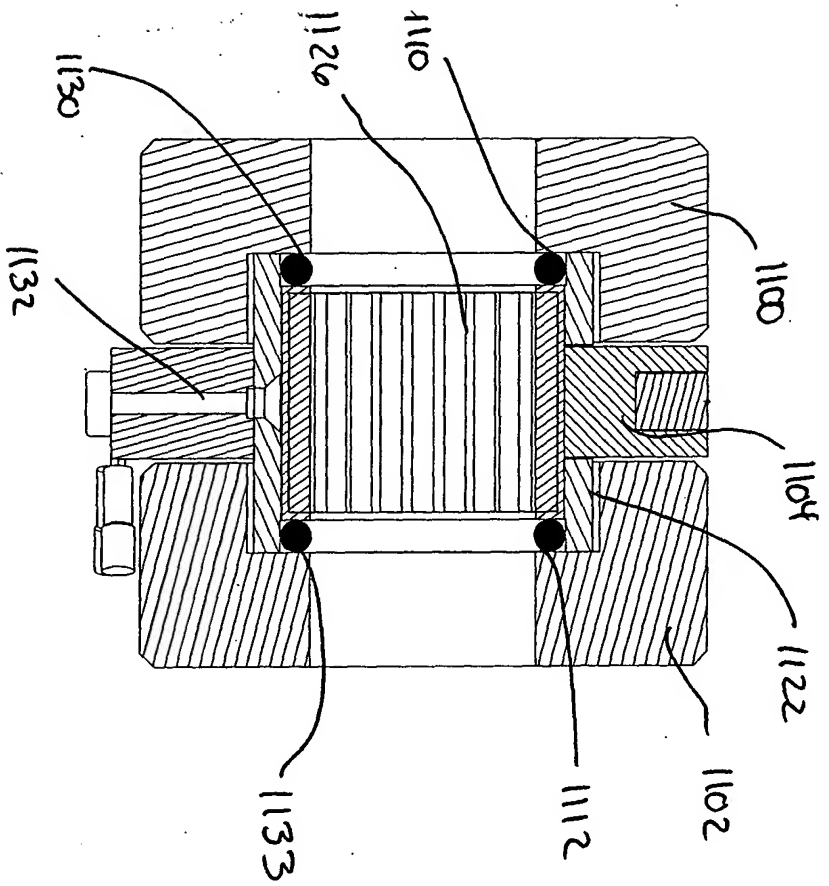
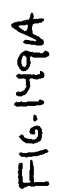


FIG. 149



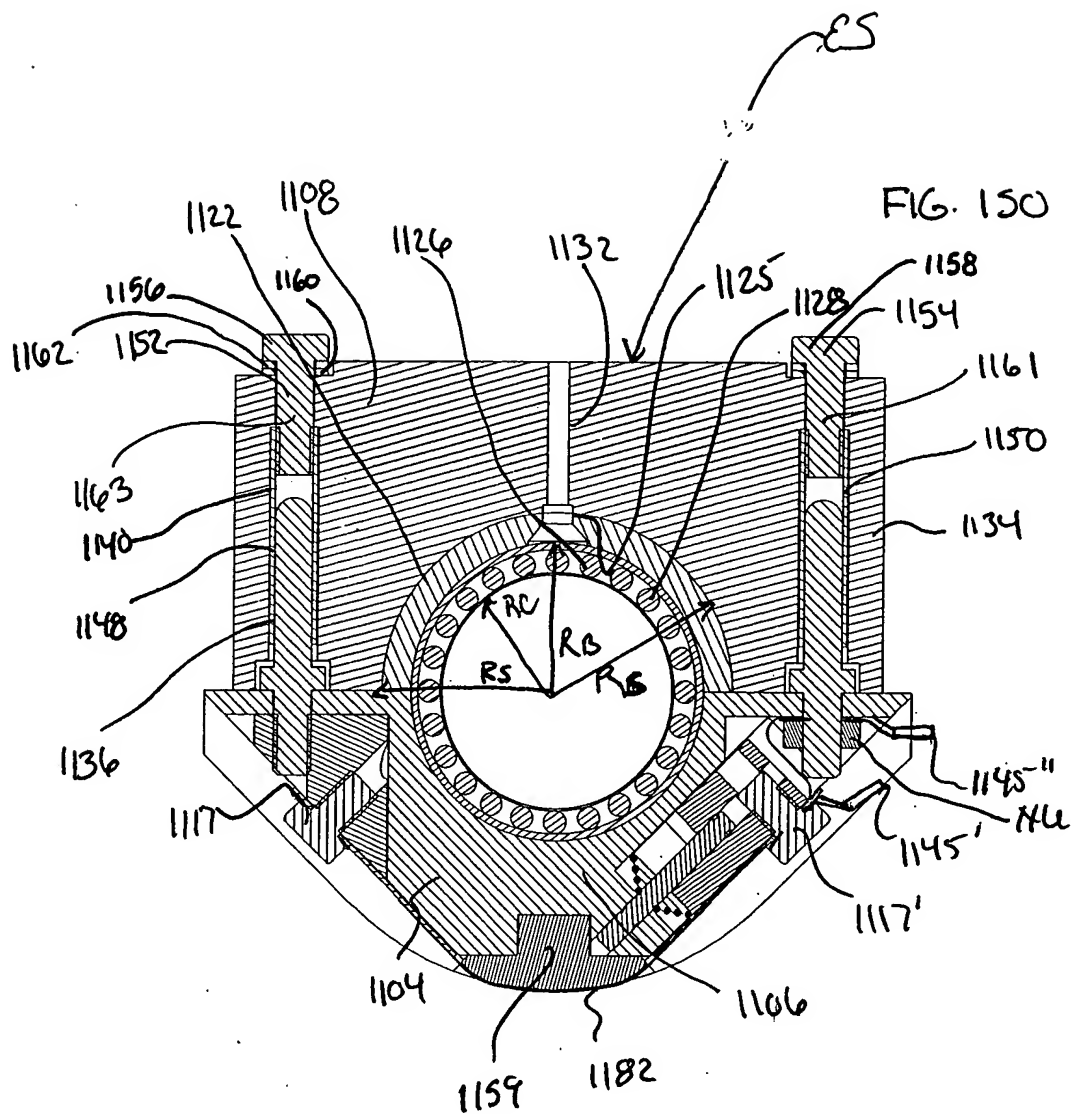
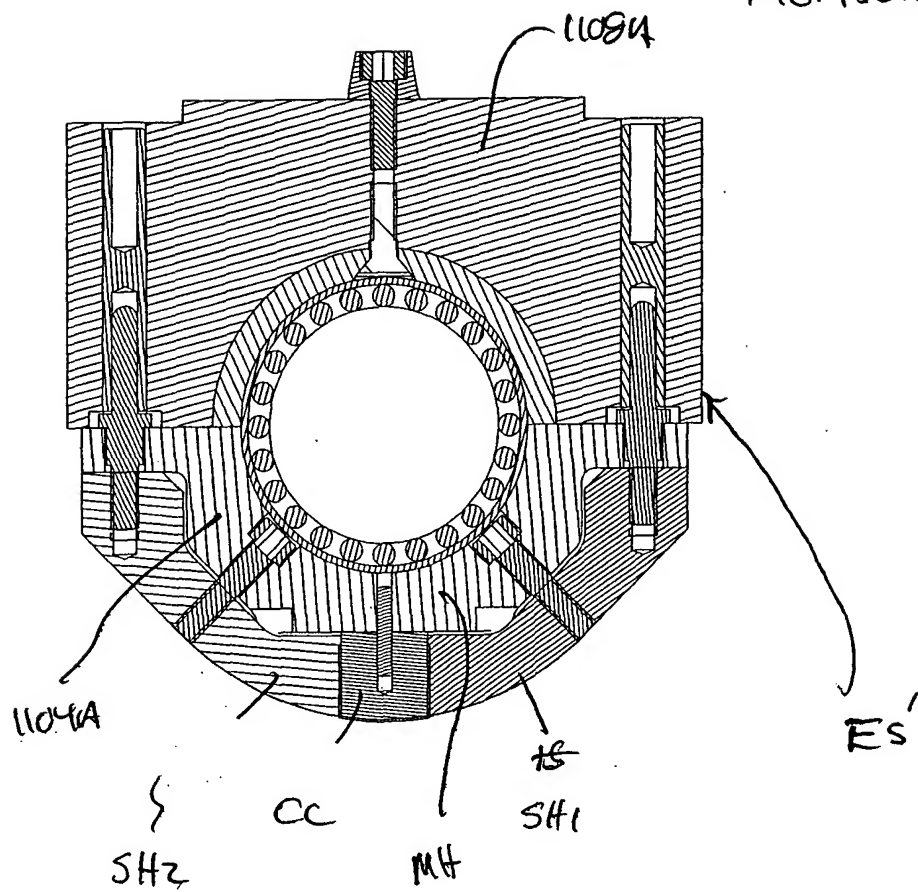


FIG. 1504



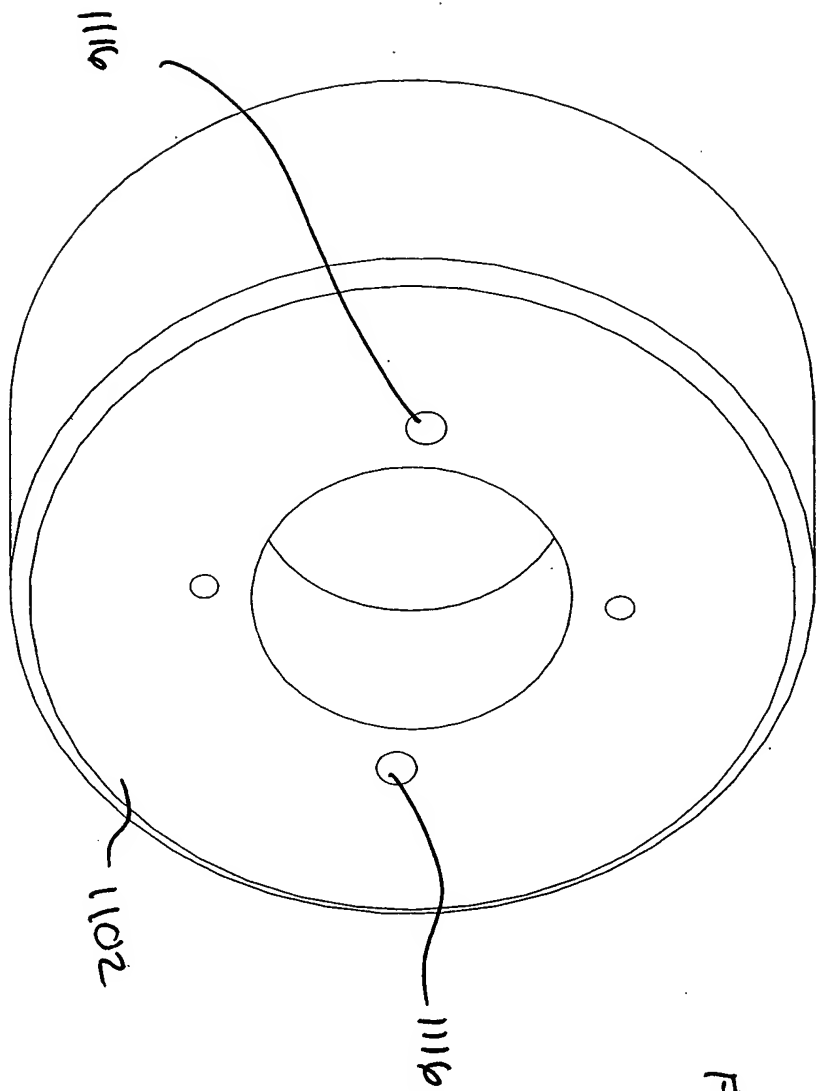
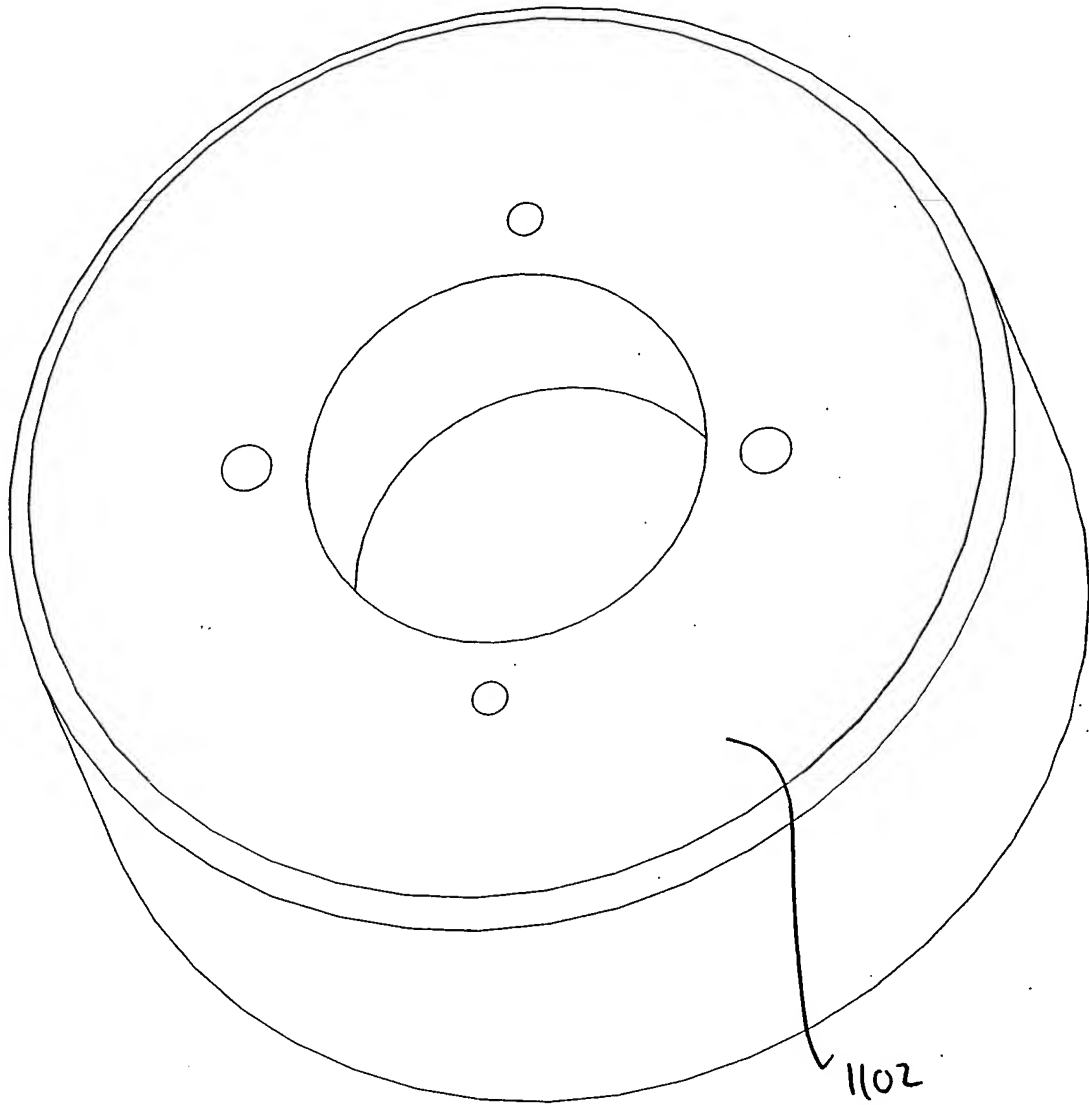


FIG. 151

FIG. 151A



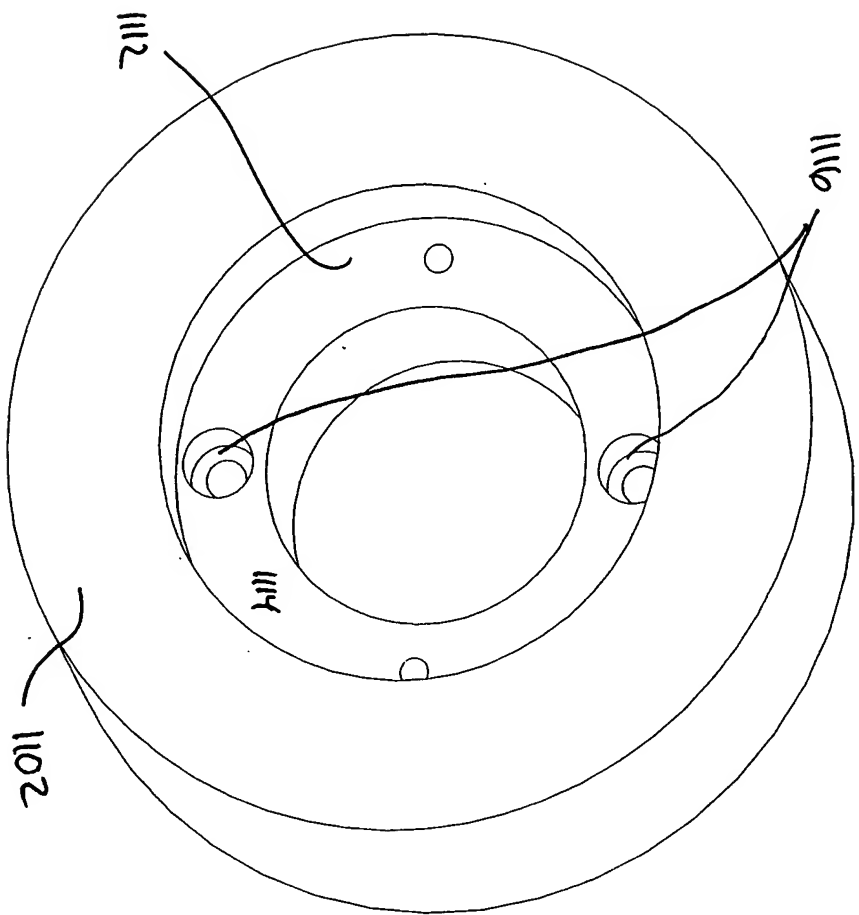


FIG. 152

FIG. 152A

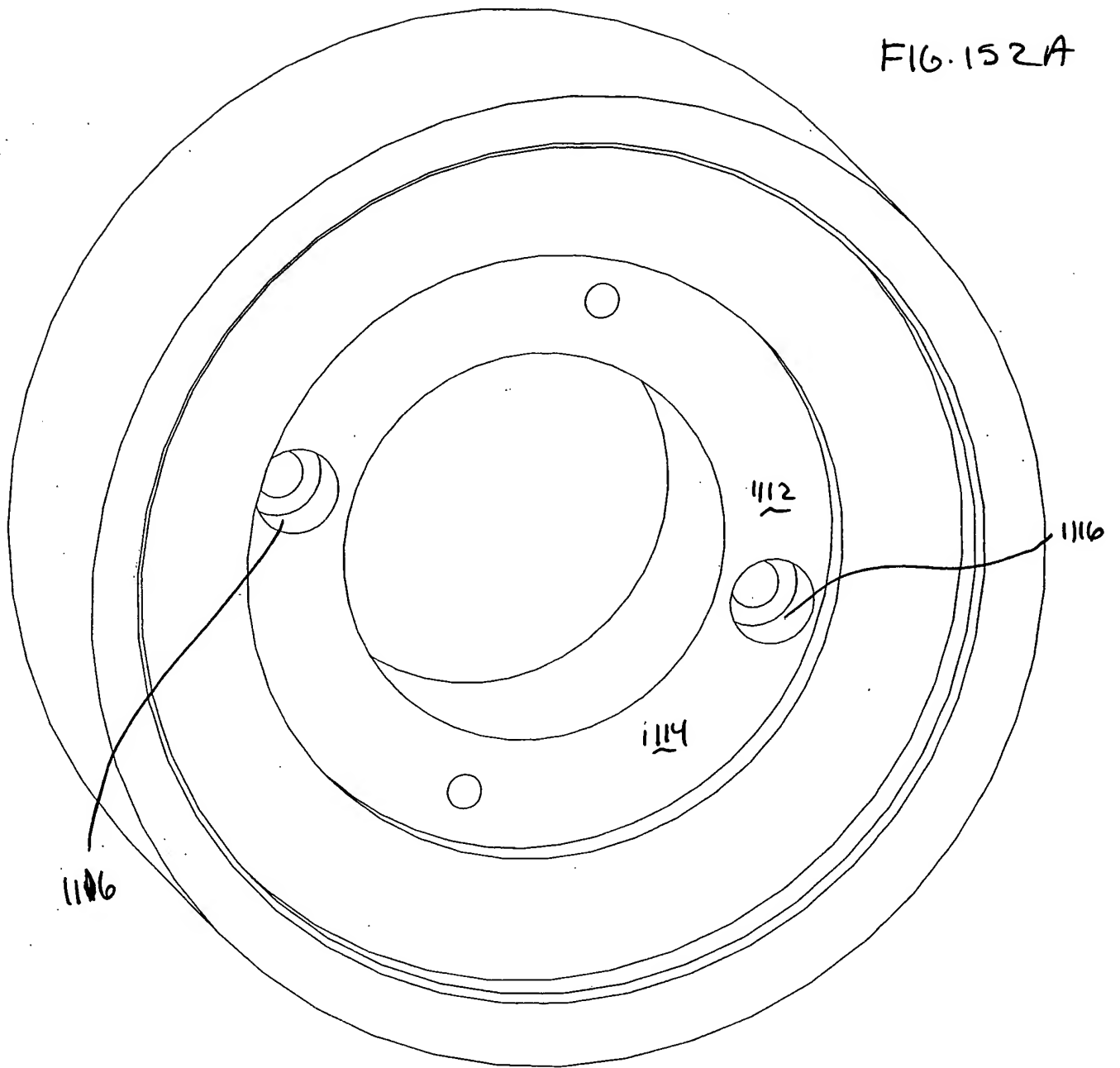


FIG. 153

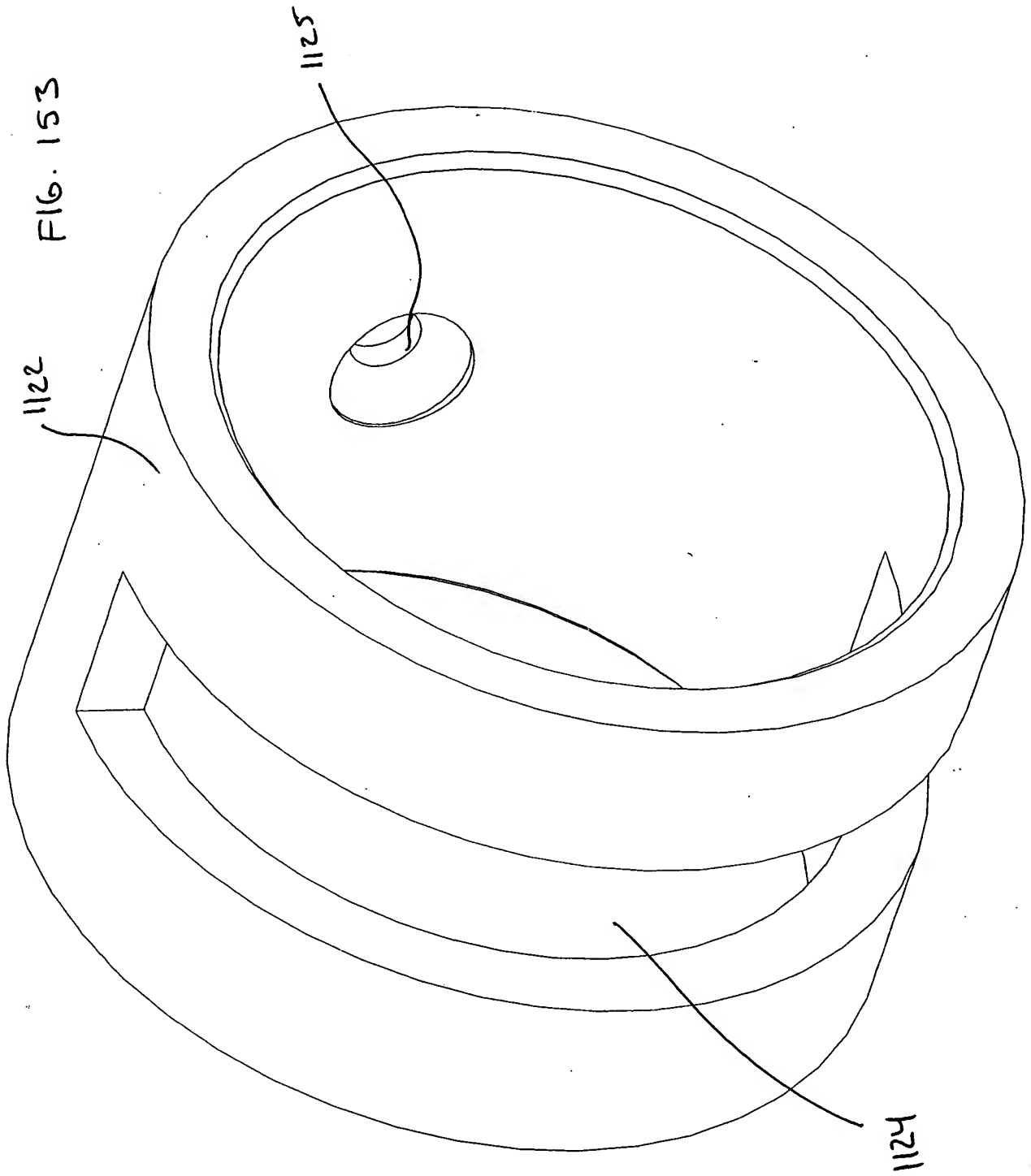
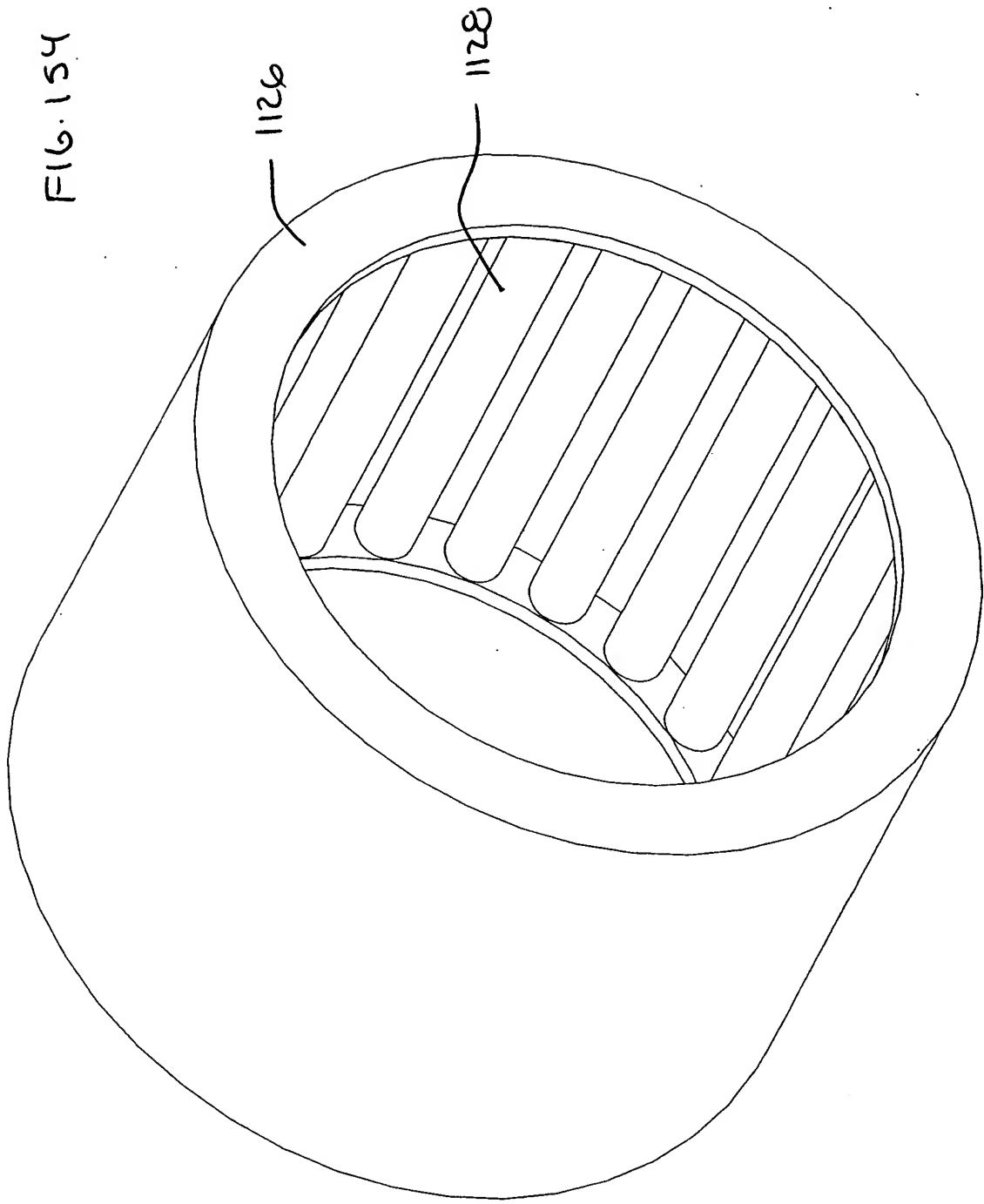


FIG. 154



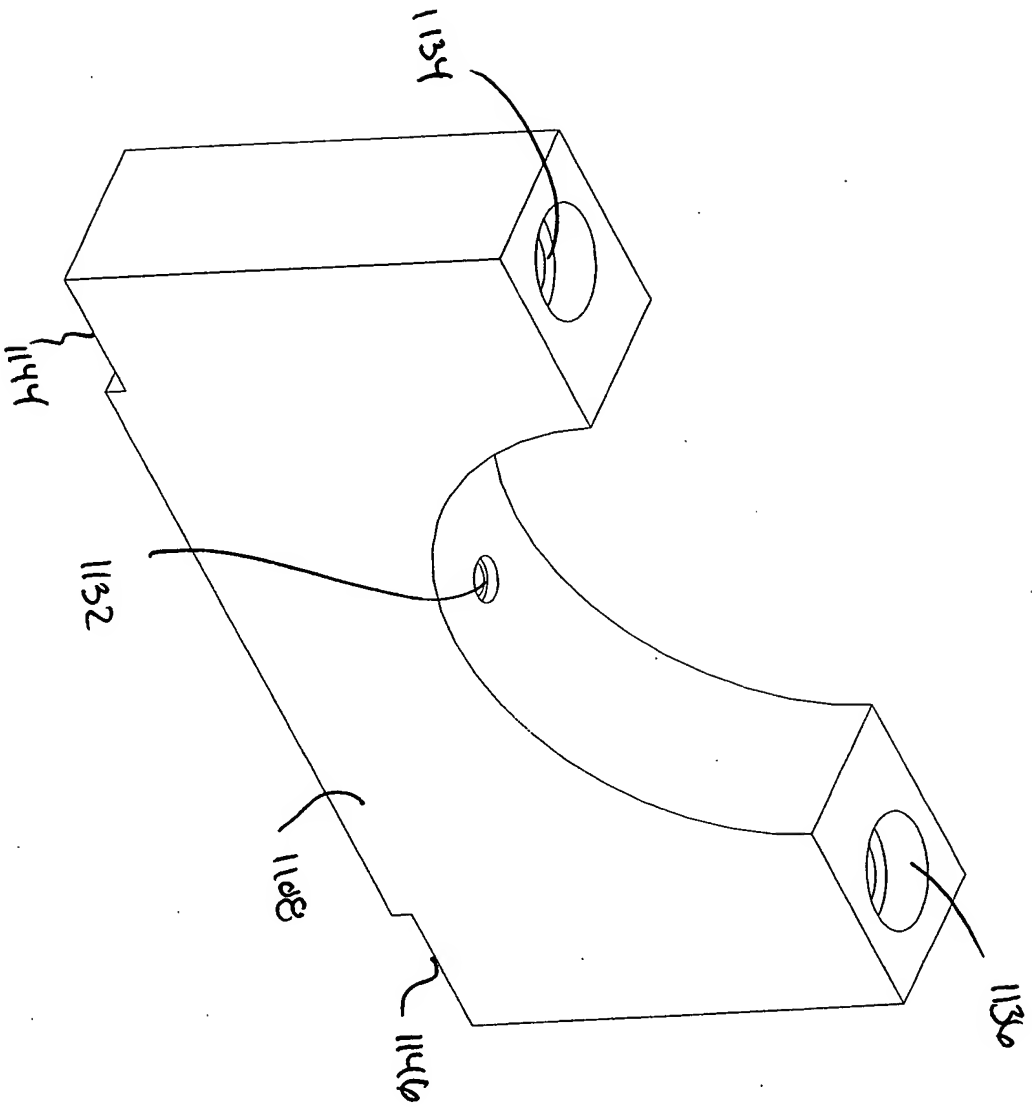
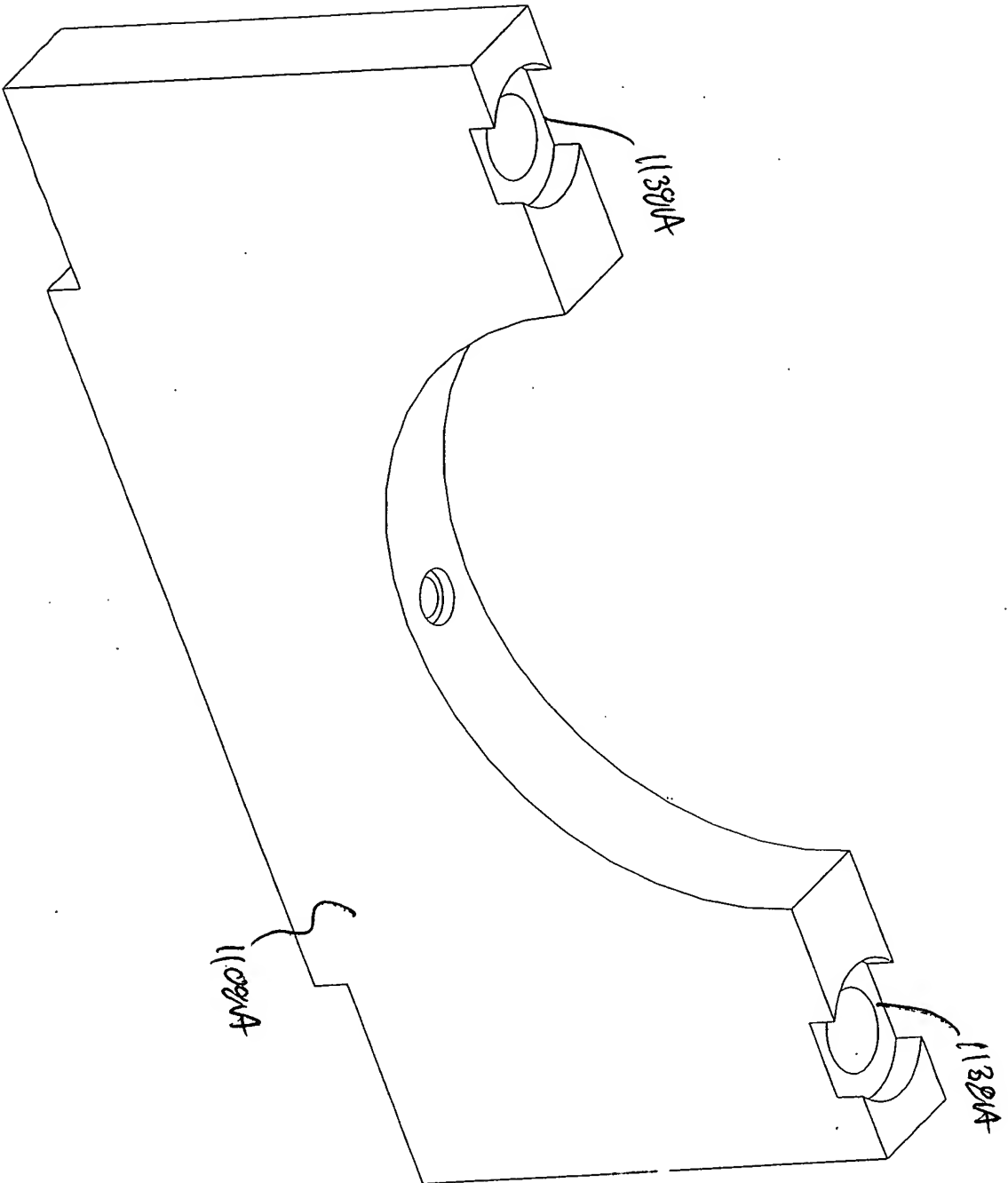


FIG. 155



1139A

1139A

1108A

FIG. 155A

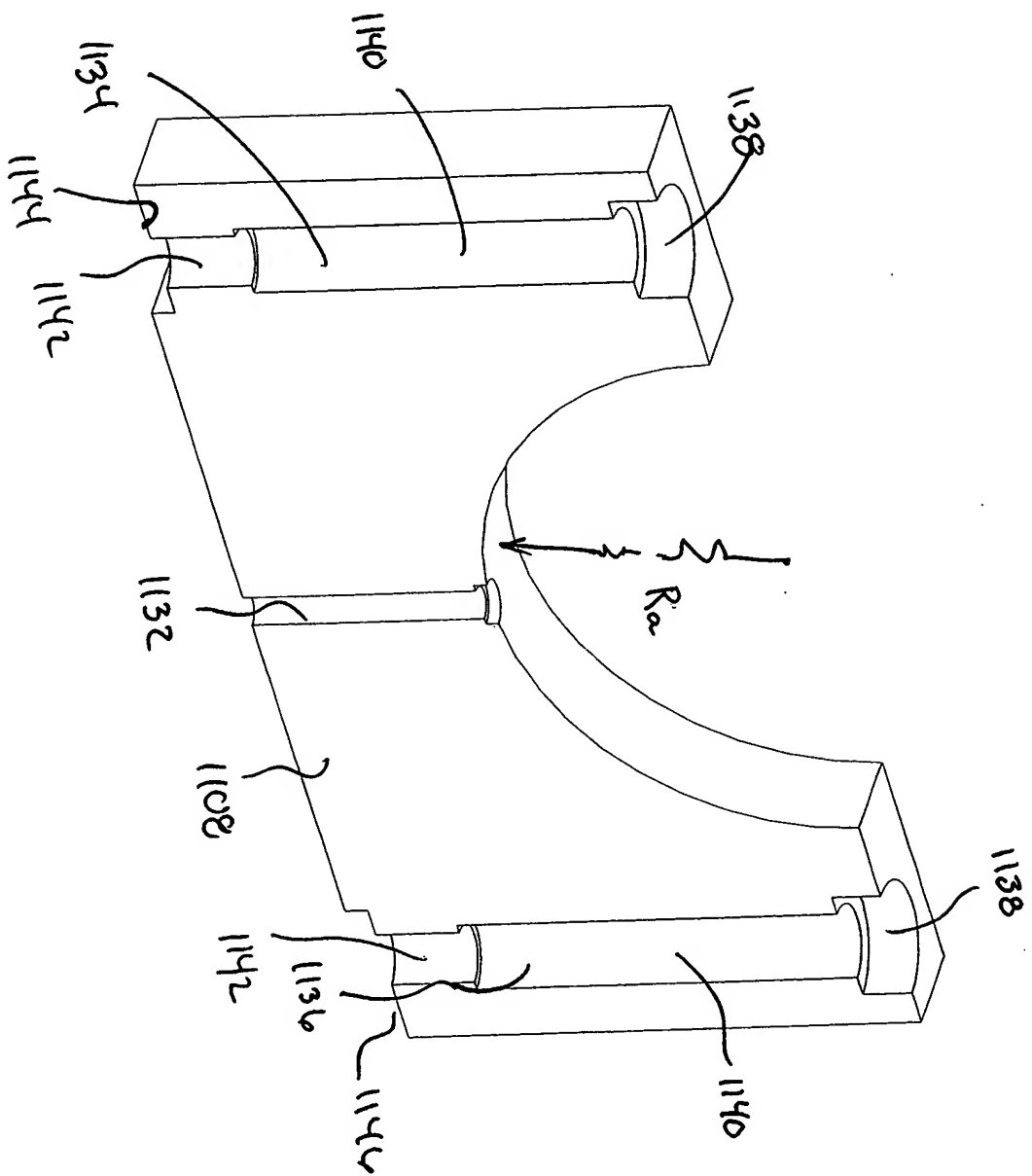


FIG. 15C

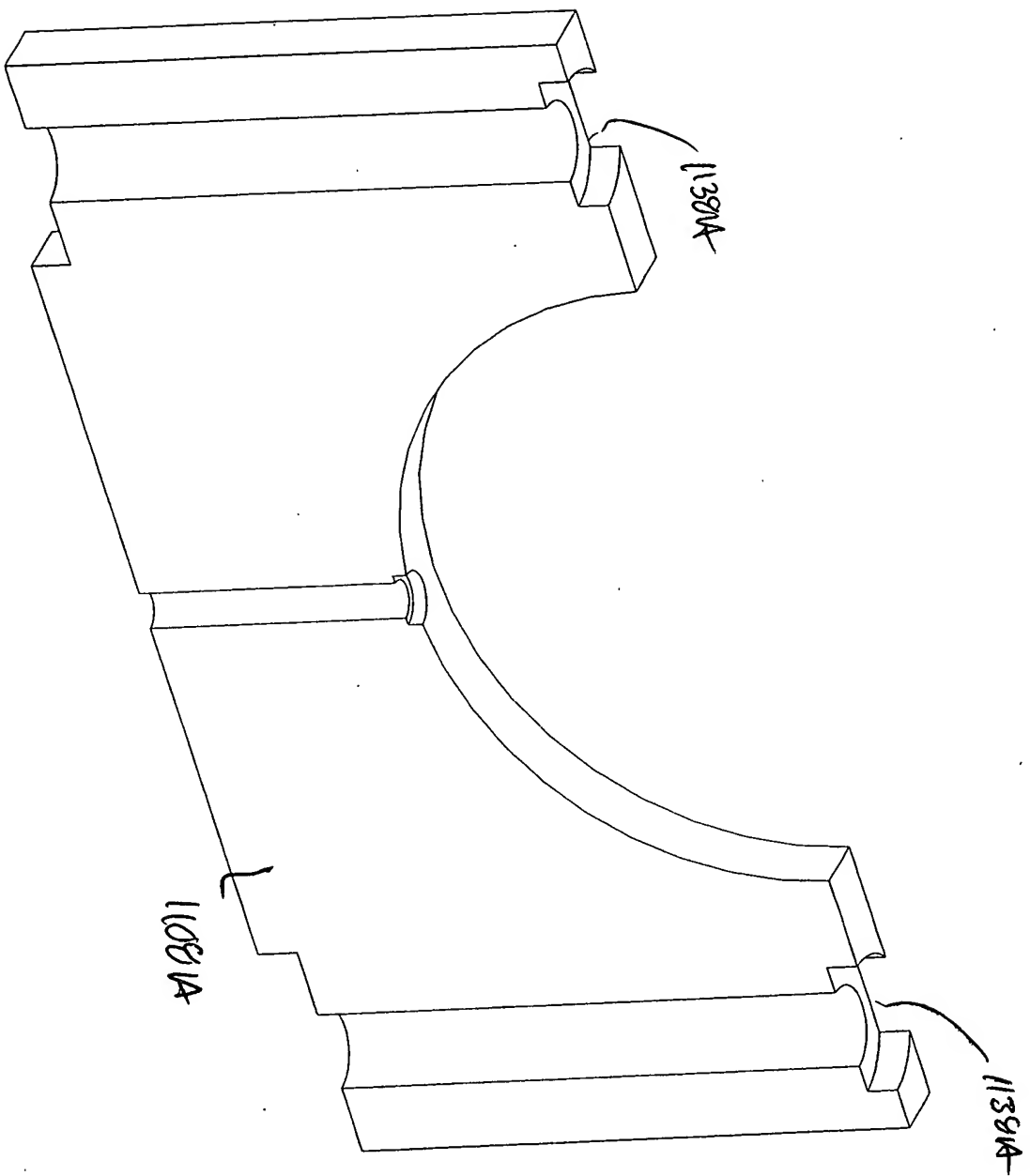


FIG. 156A

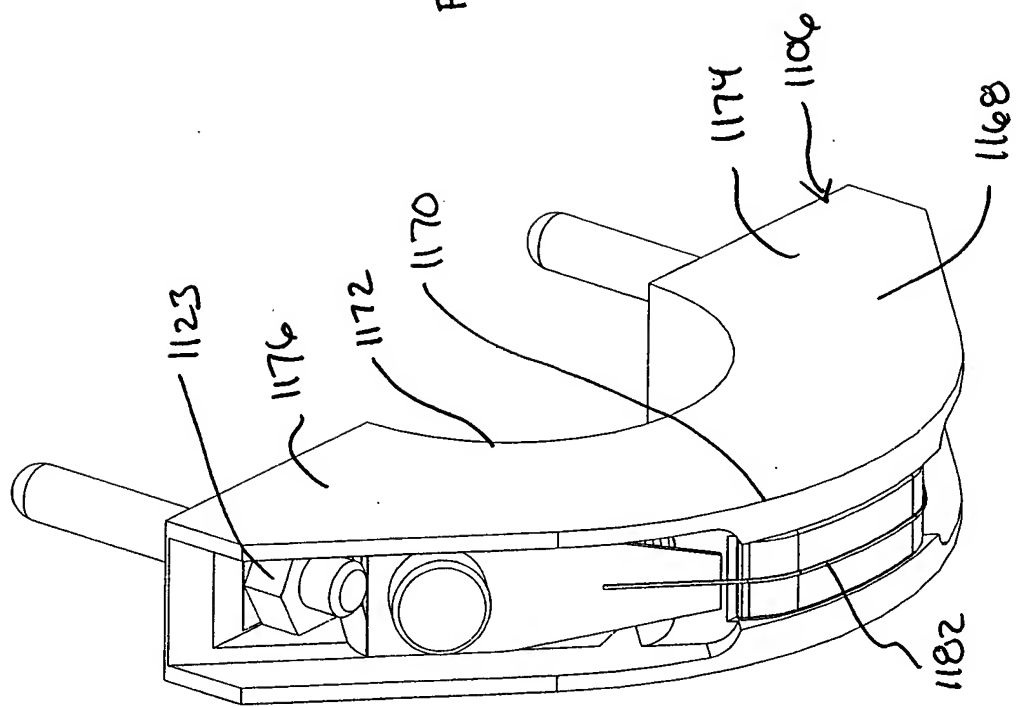


FIG. 157

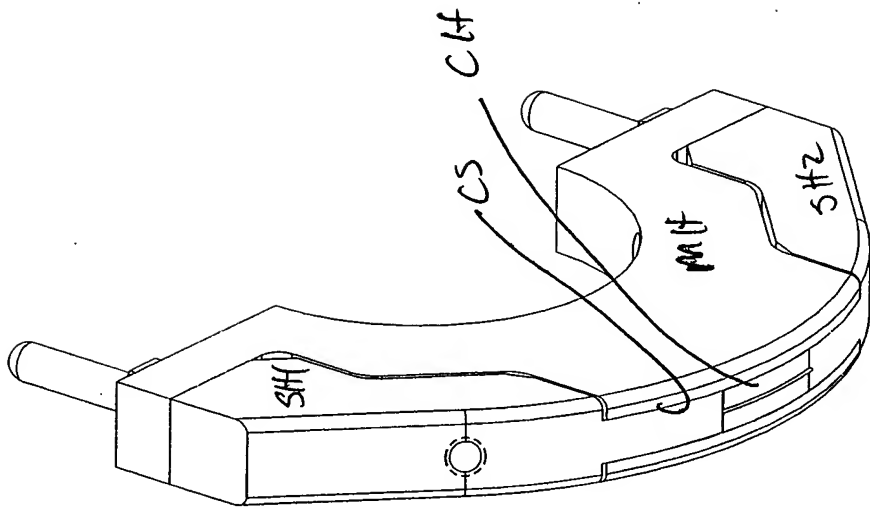
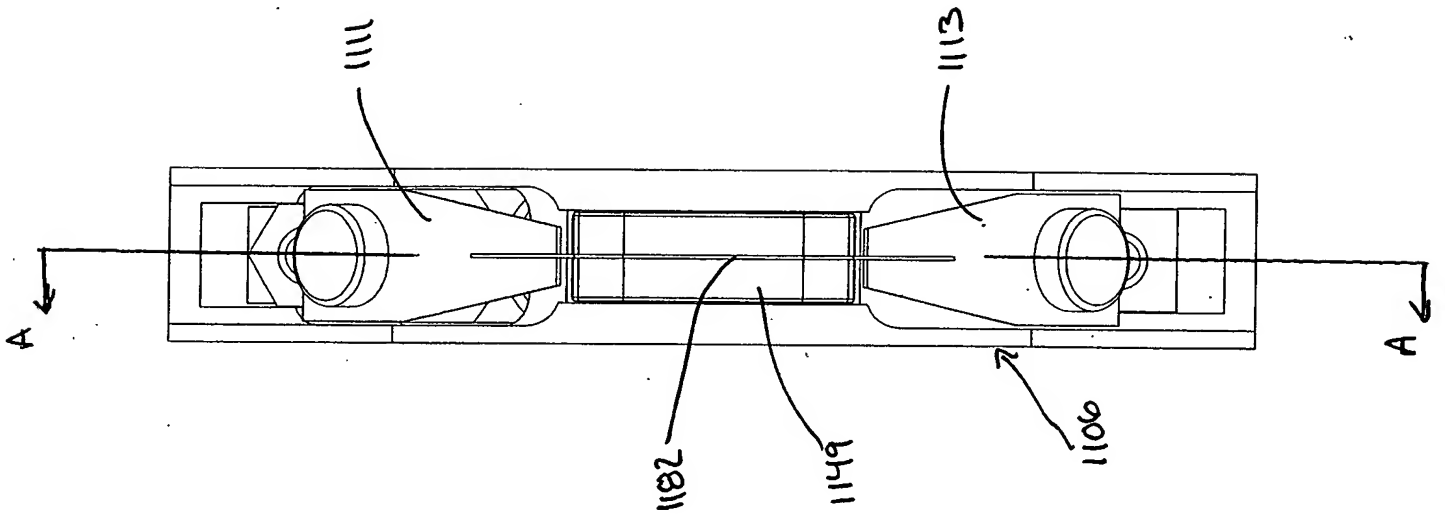


FIG. 157A

FIG. 158



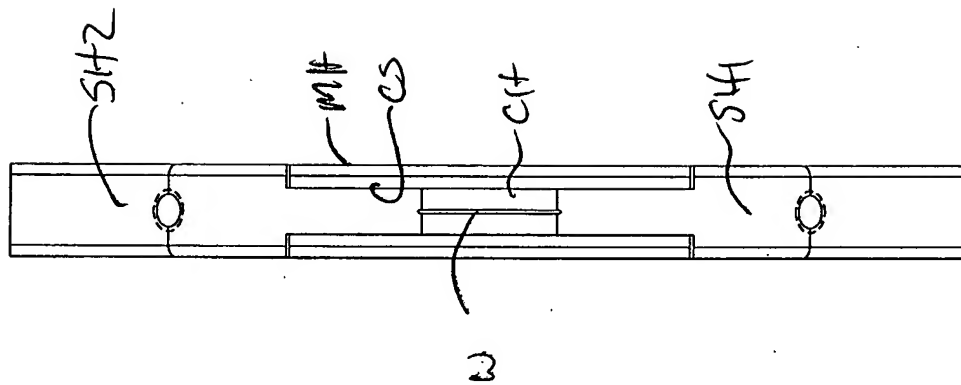


FIG. 158A

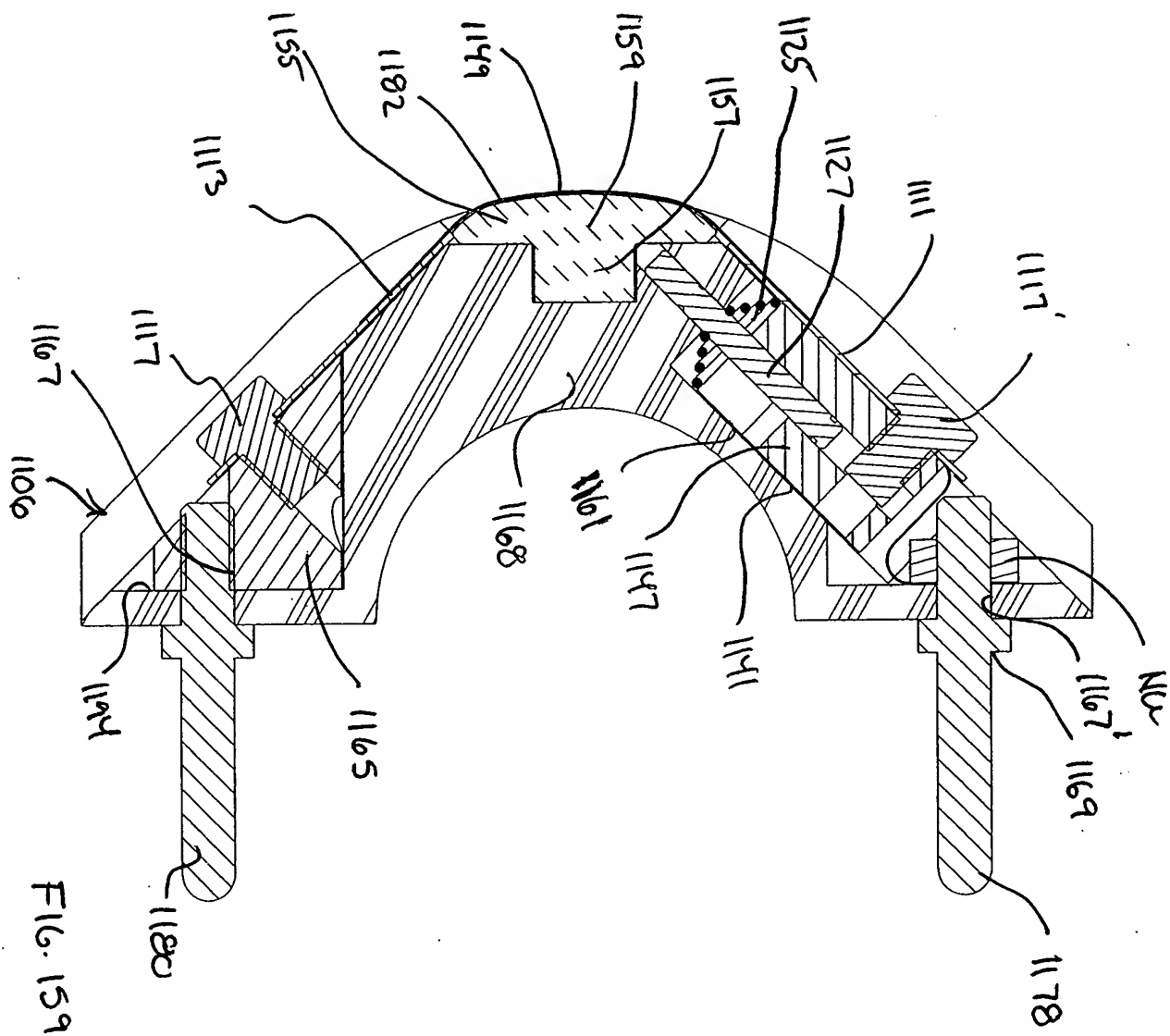


FIG. 159

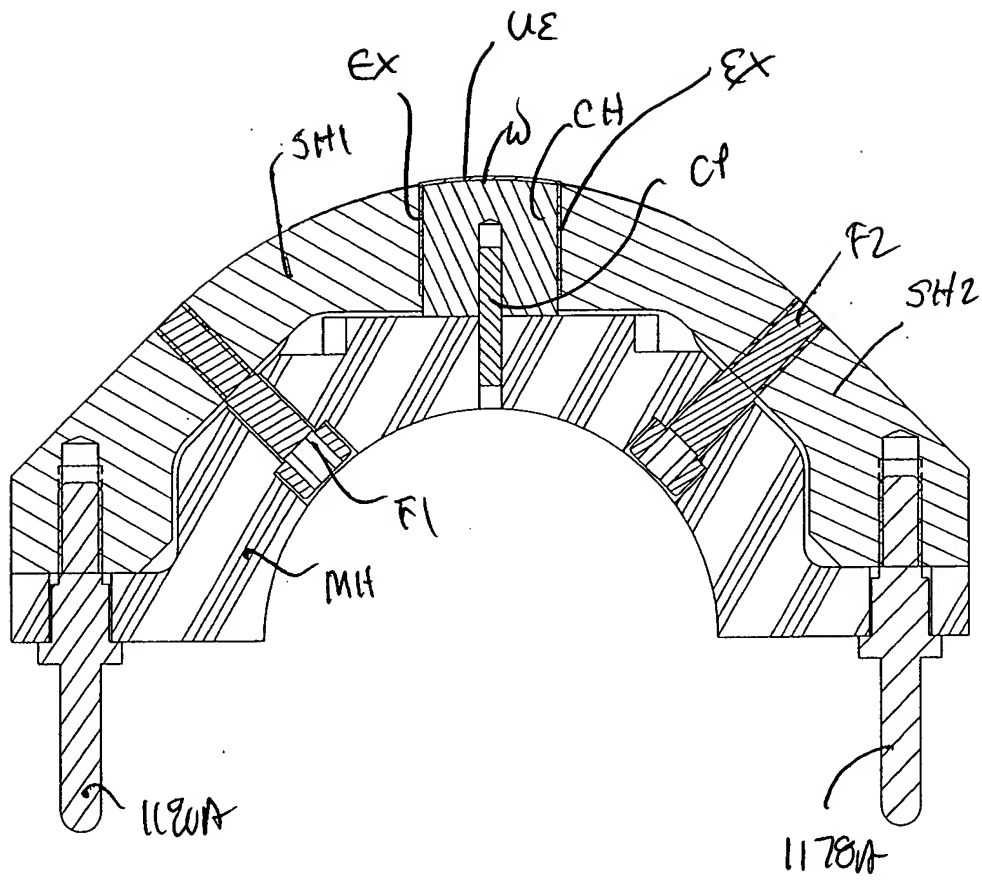


FIG-159A

FIG. 160

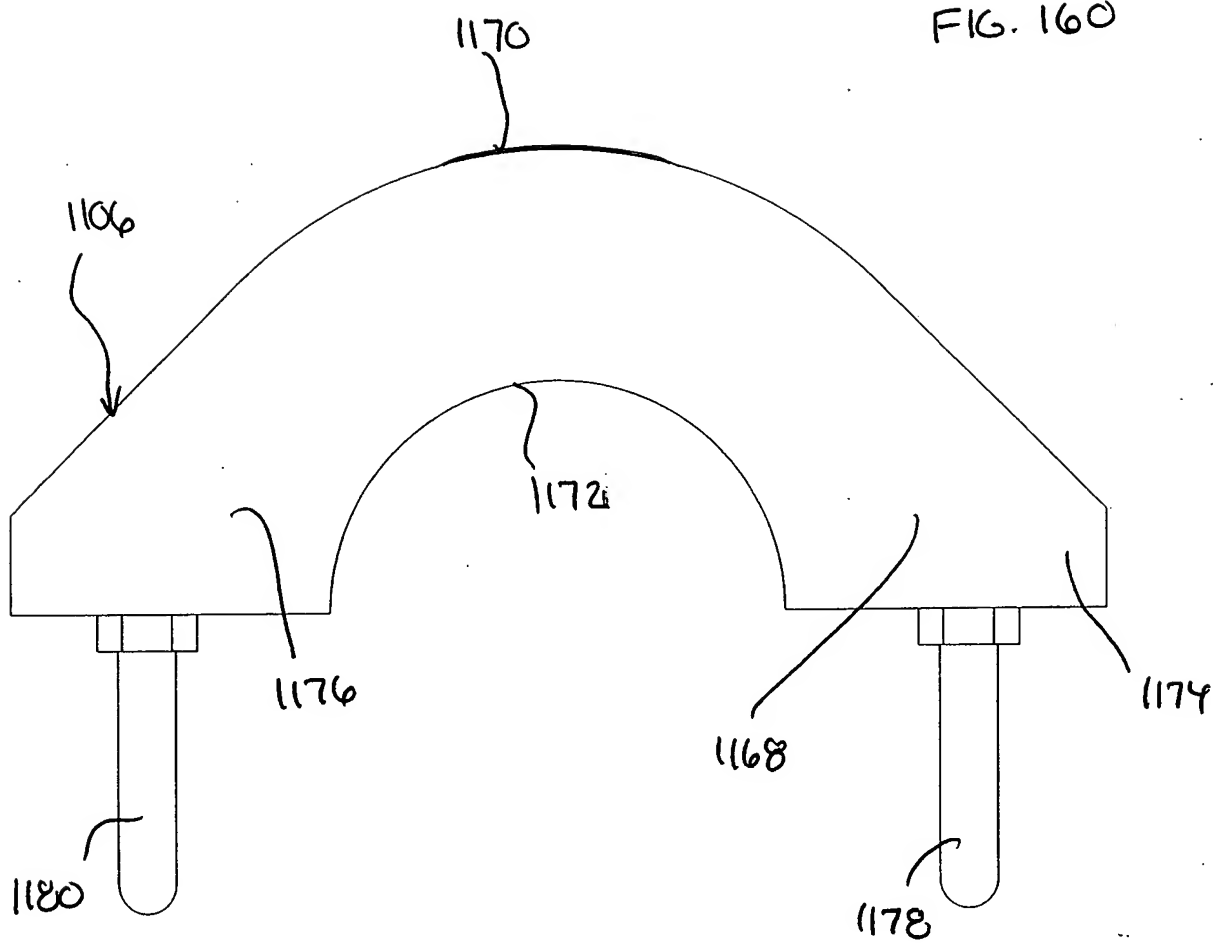
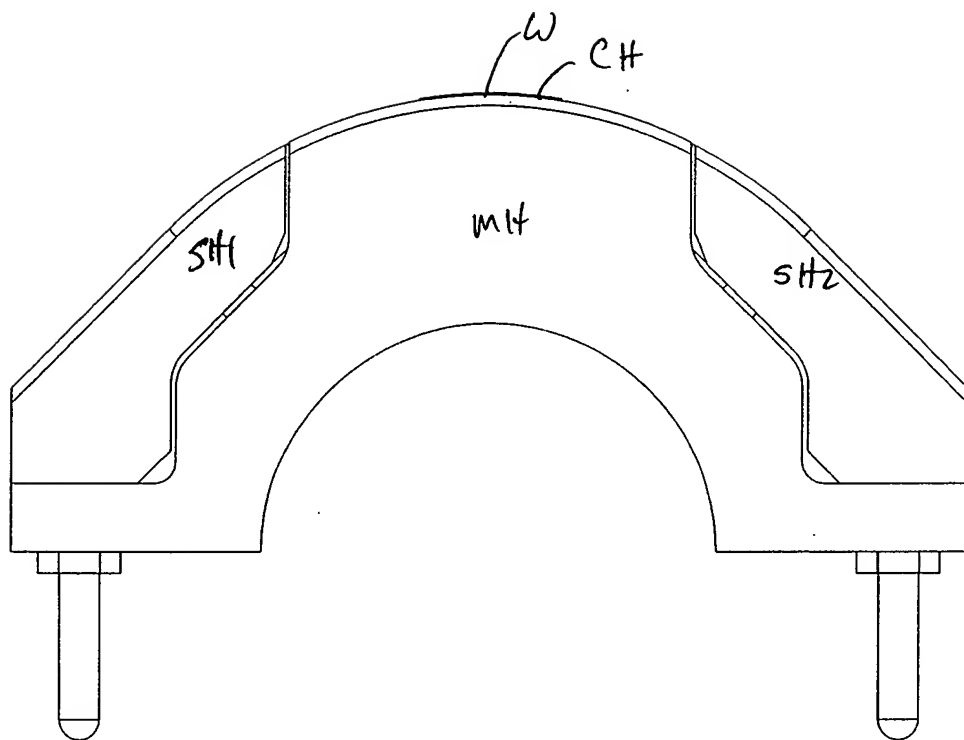


FIG. 160A



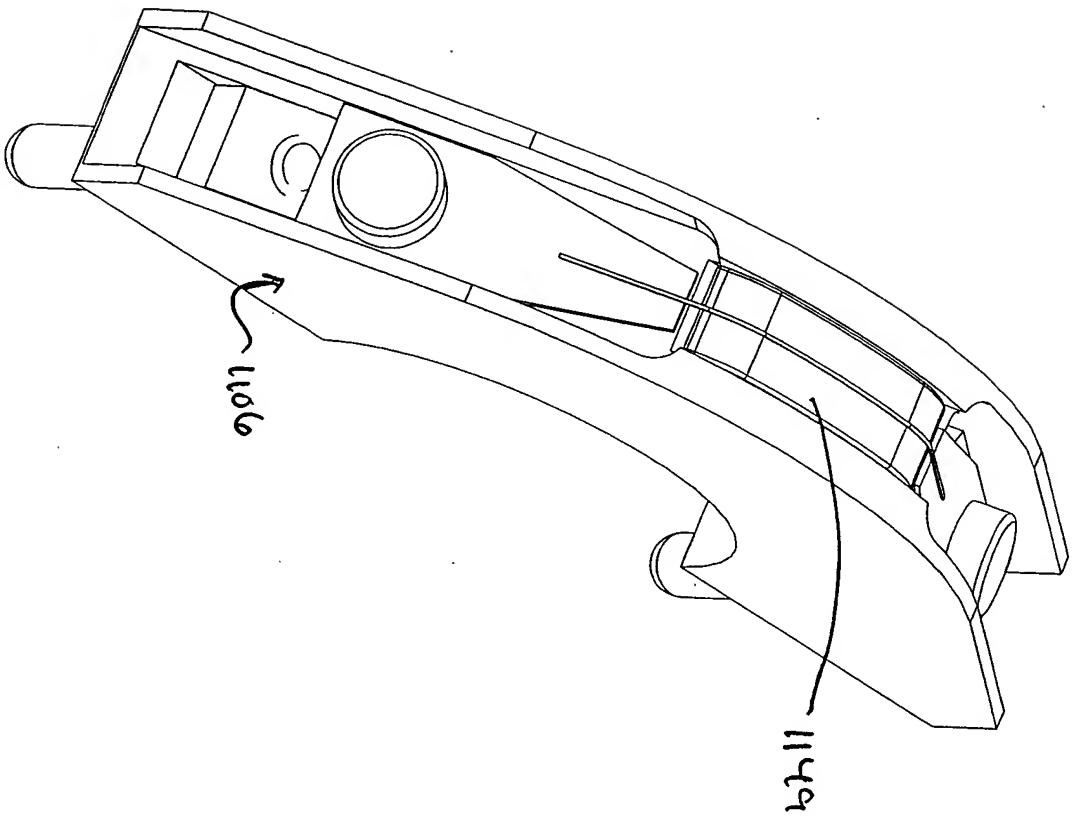


FIG. 161

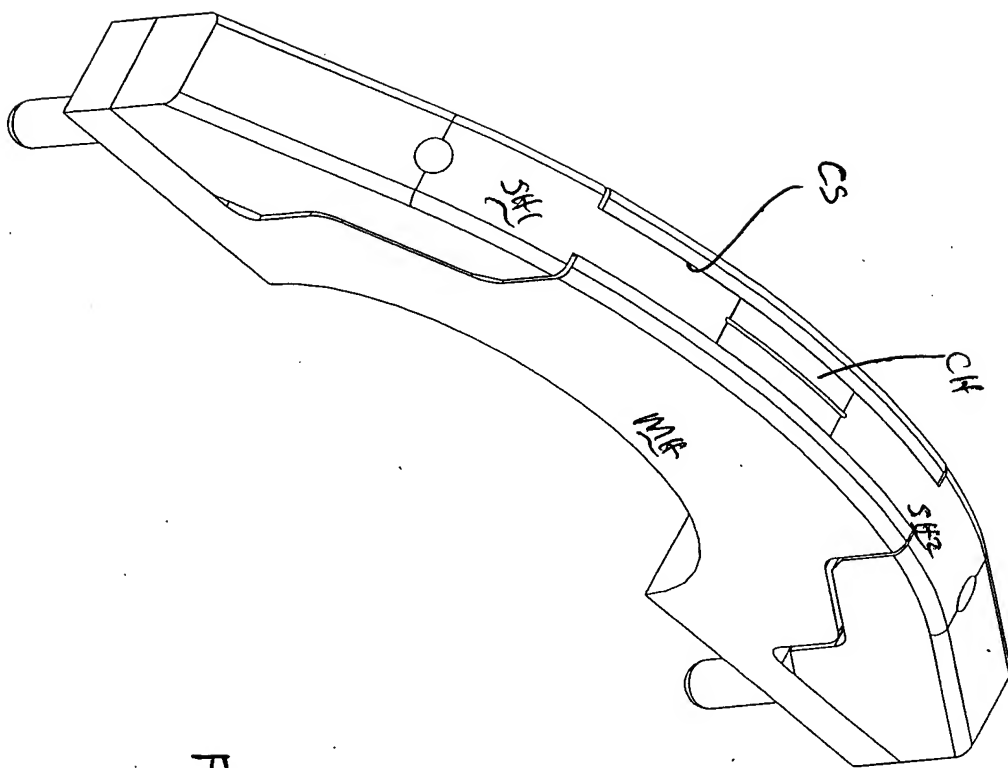
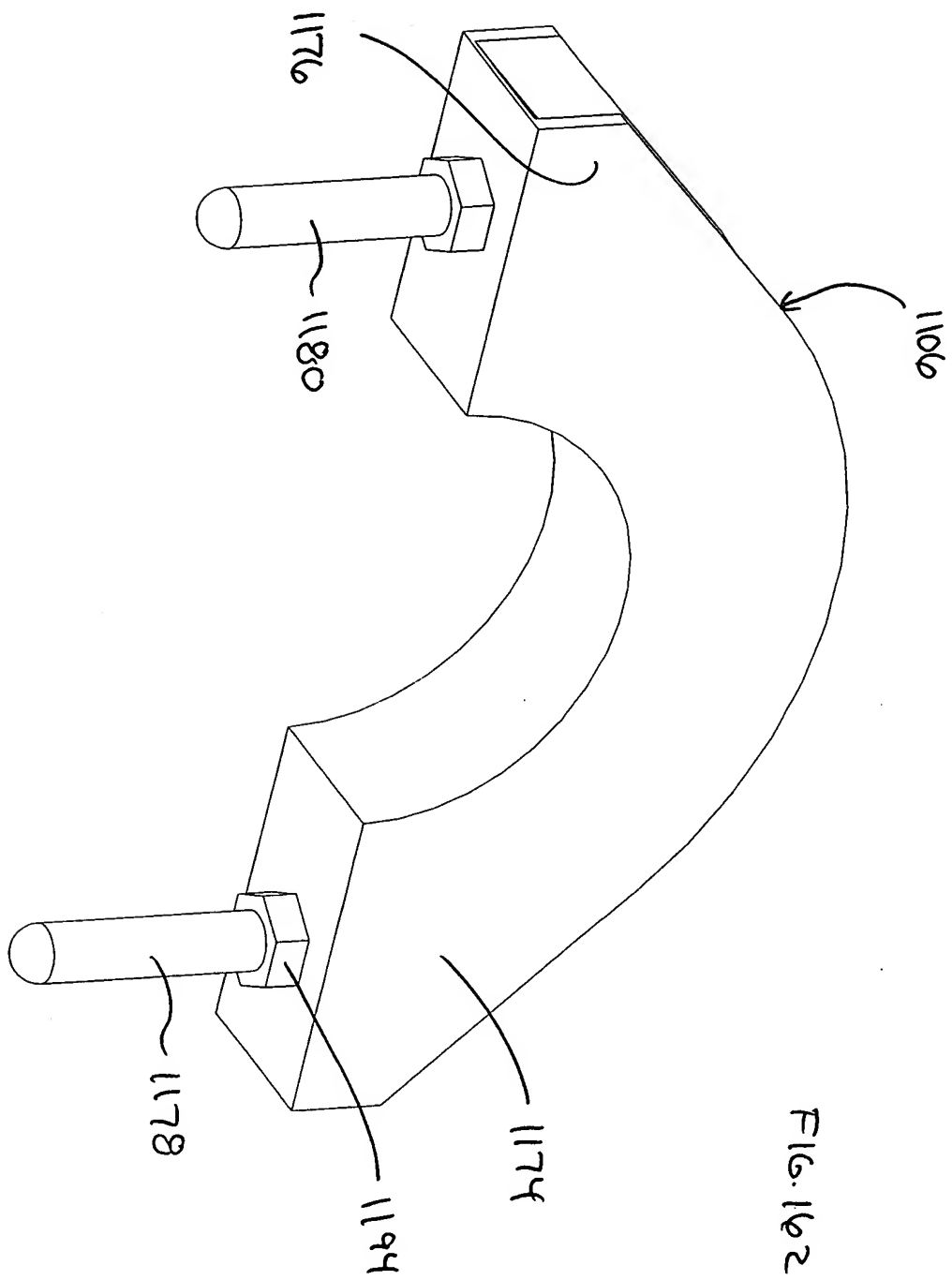


FIG. 161A



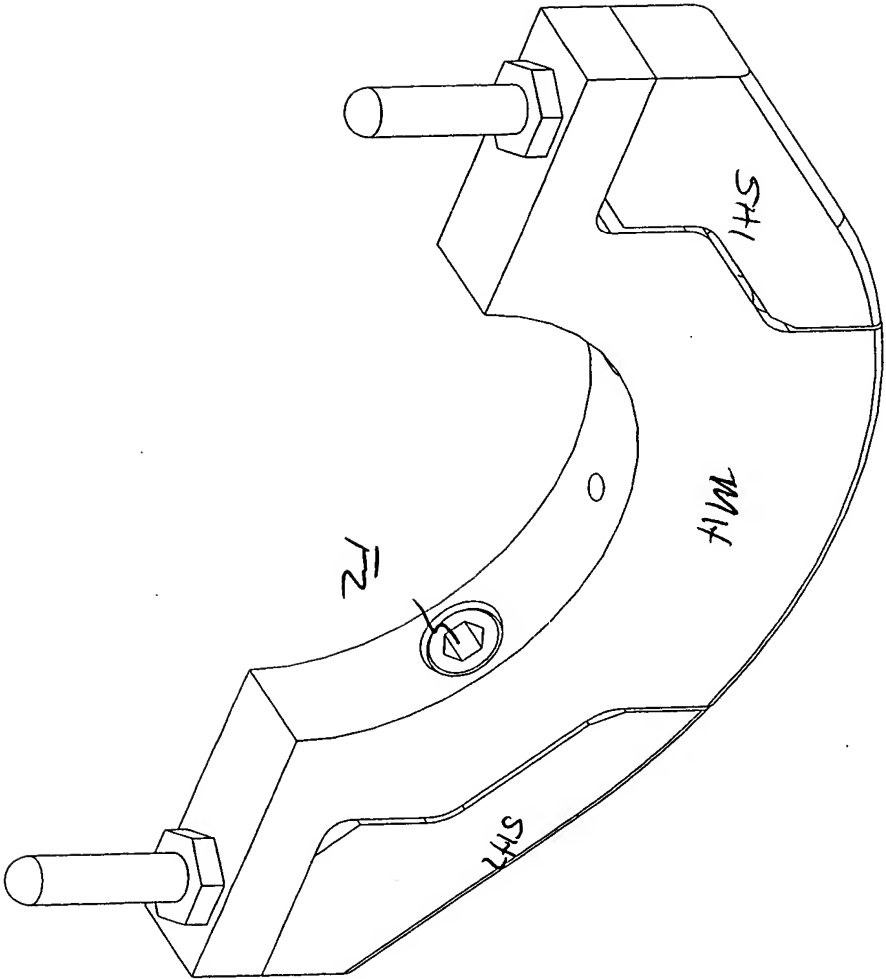


FIG. 1624

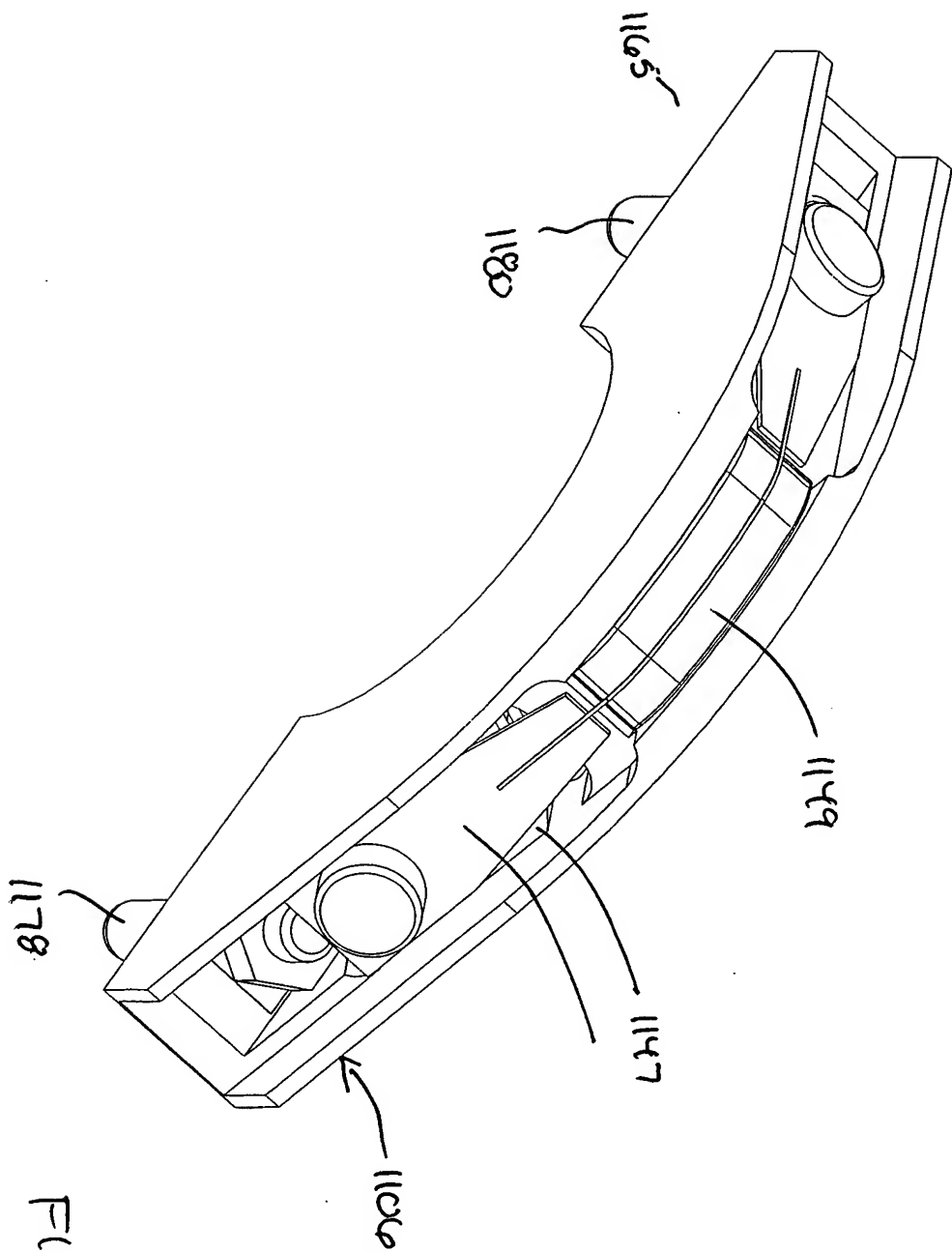


FIG. 163

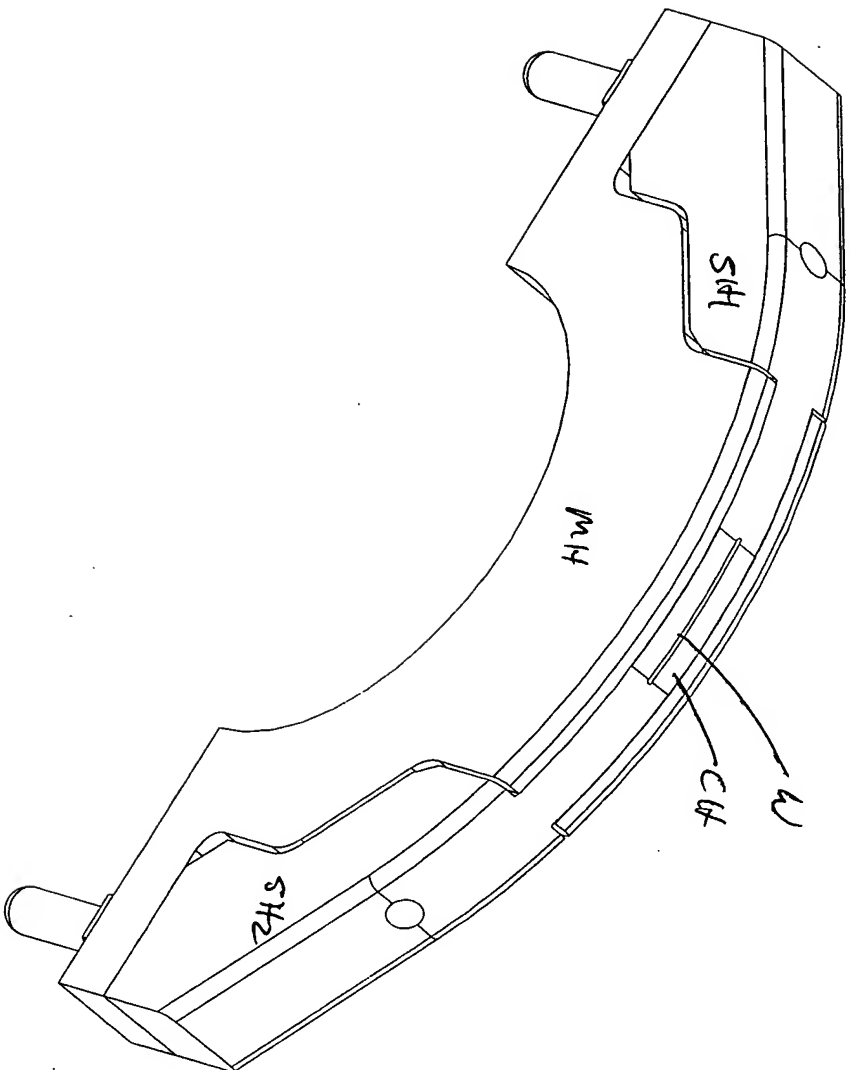


FIG. 163A

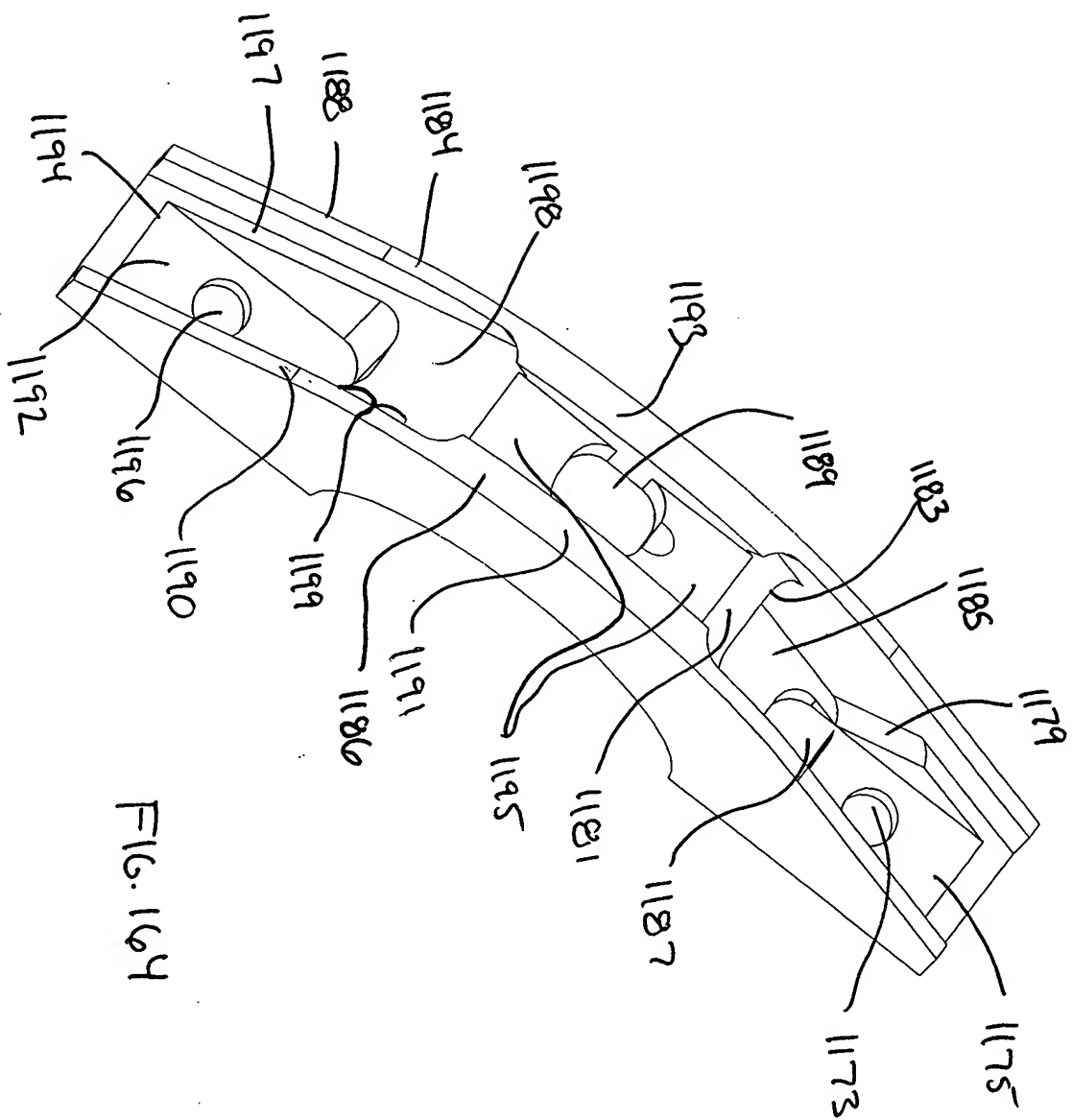


FIG. 164

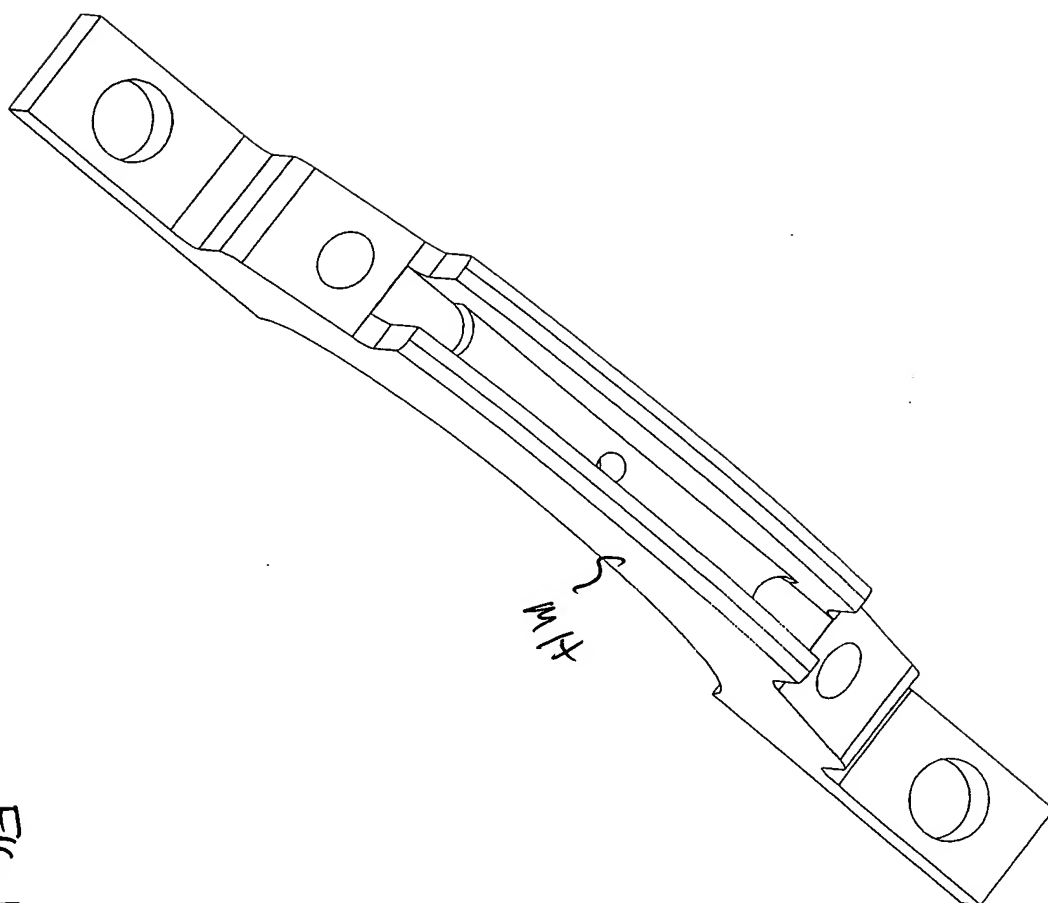
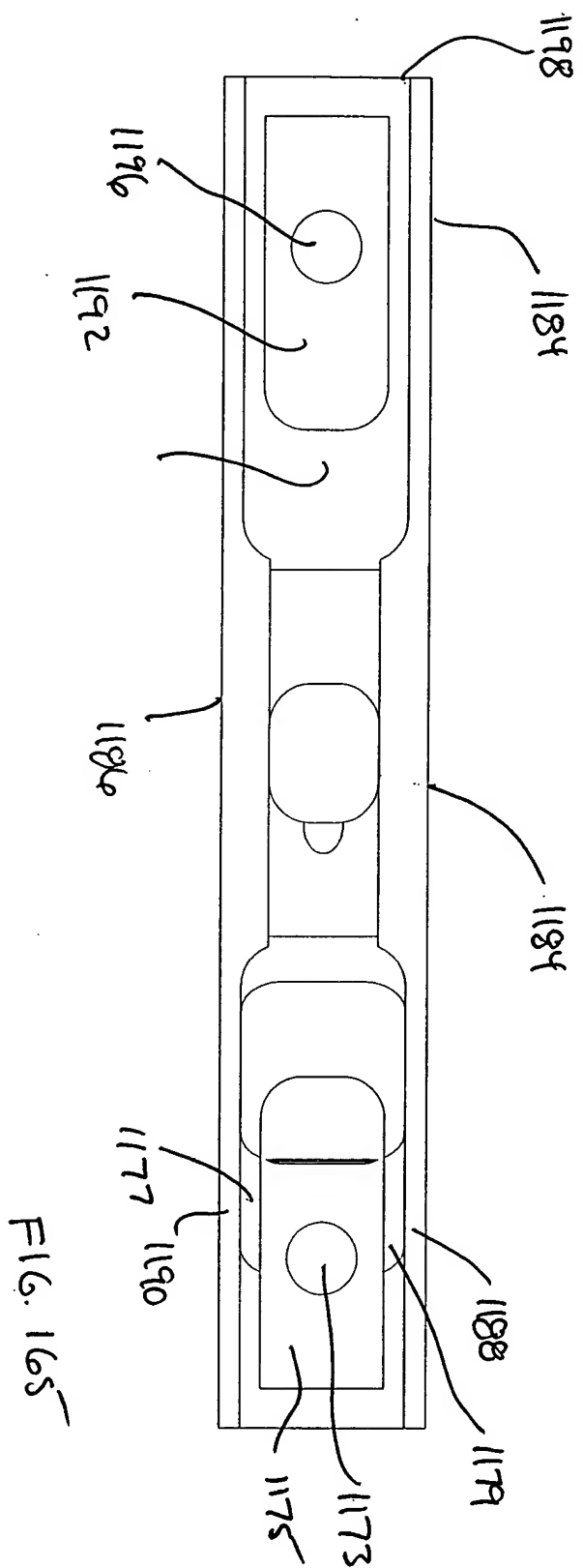


FIG. 164A



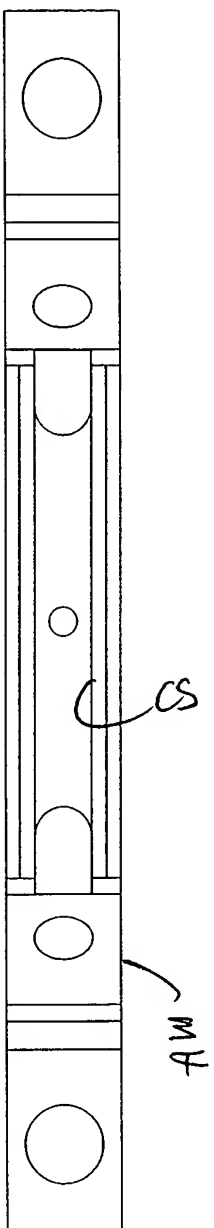


FIG. 165A

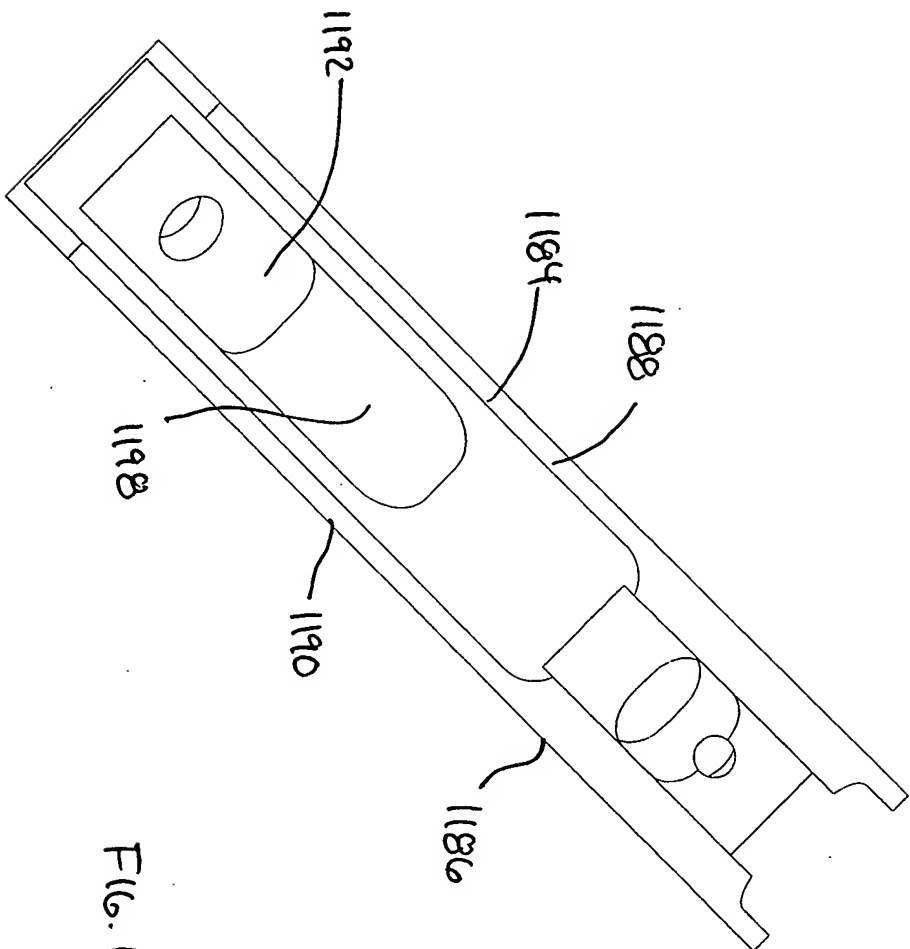


FIG. 166

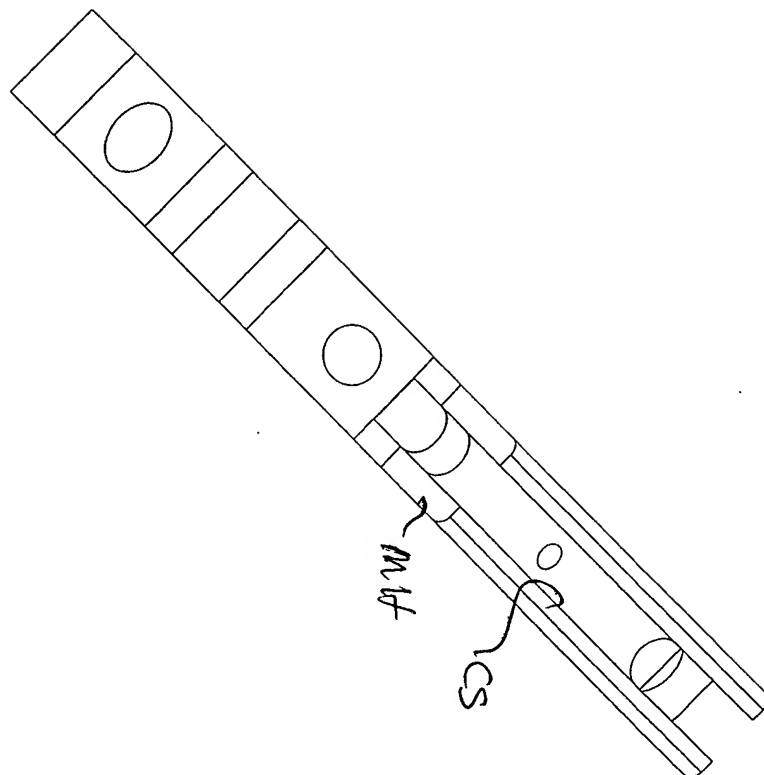


FIG. 166A

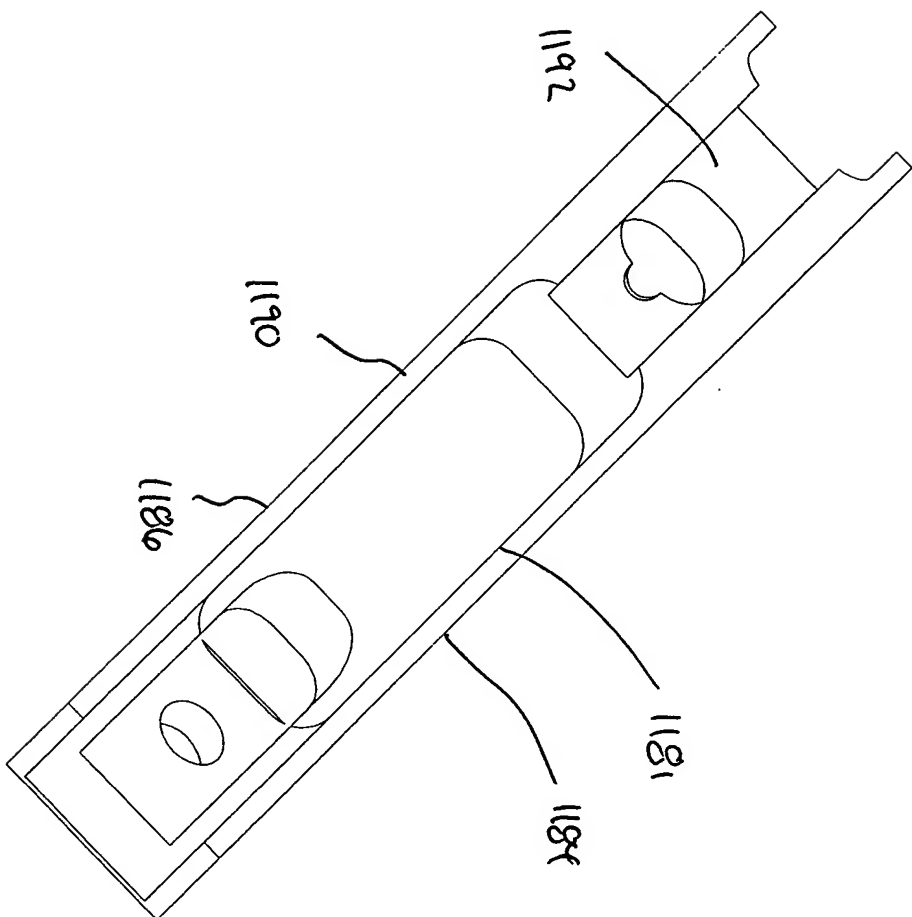


FIG. 167

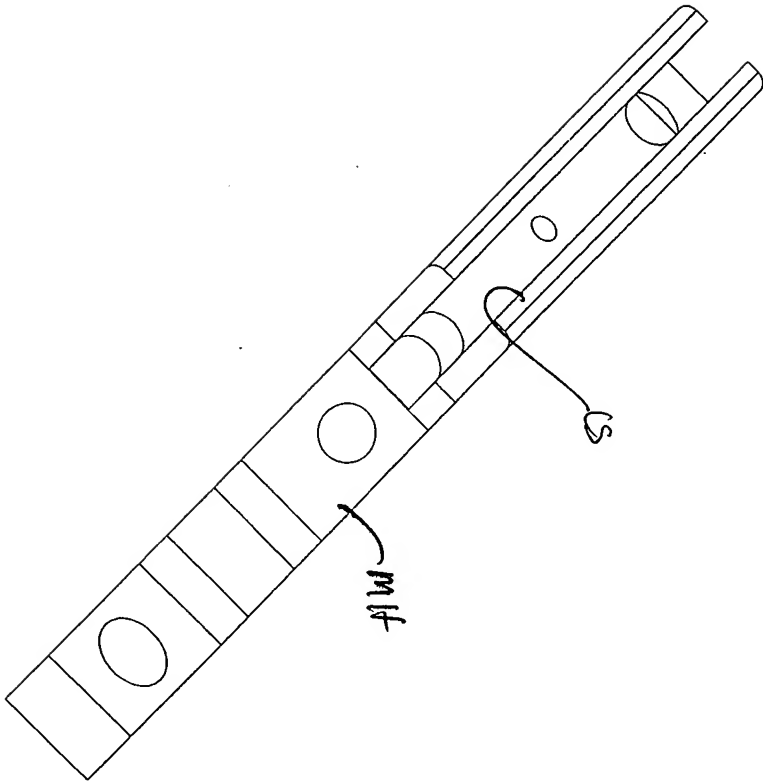
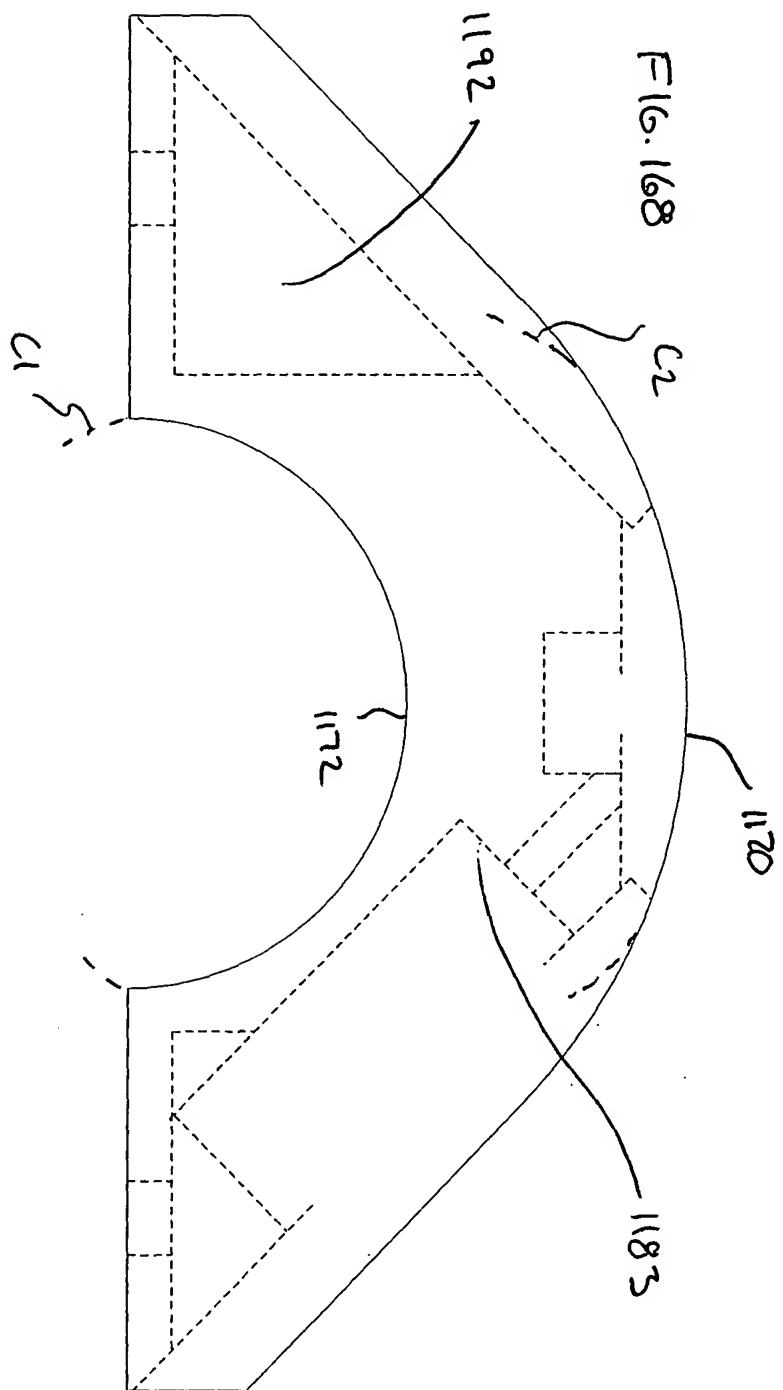


FIG. 16Z4



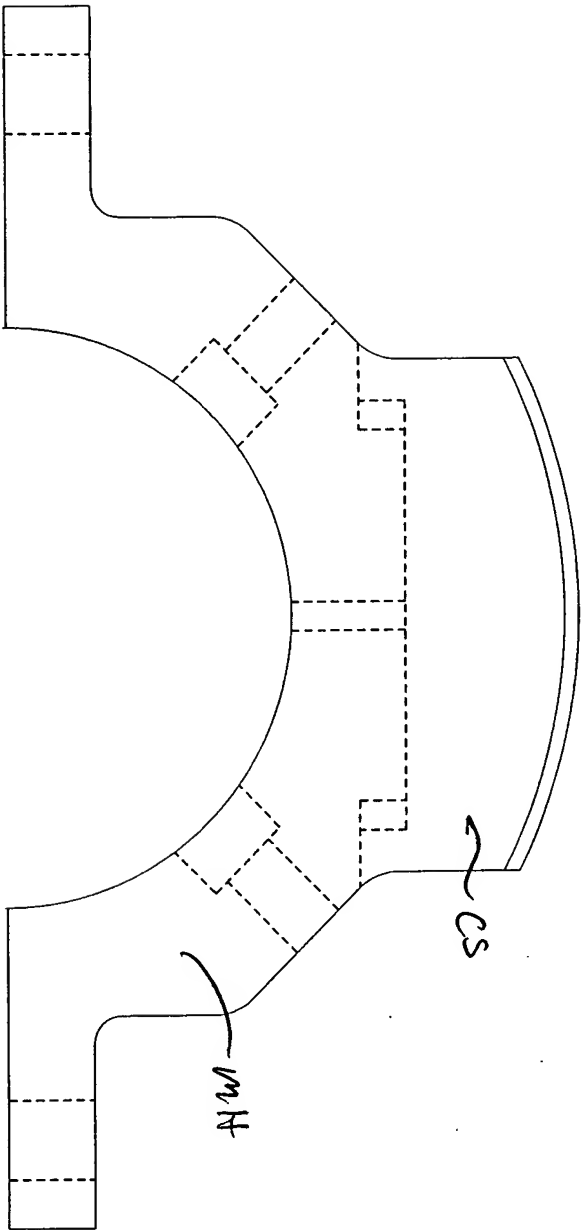


FIG. 16814

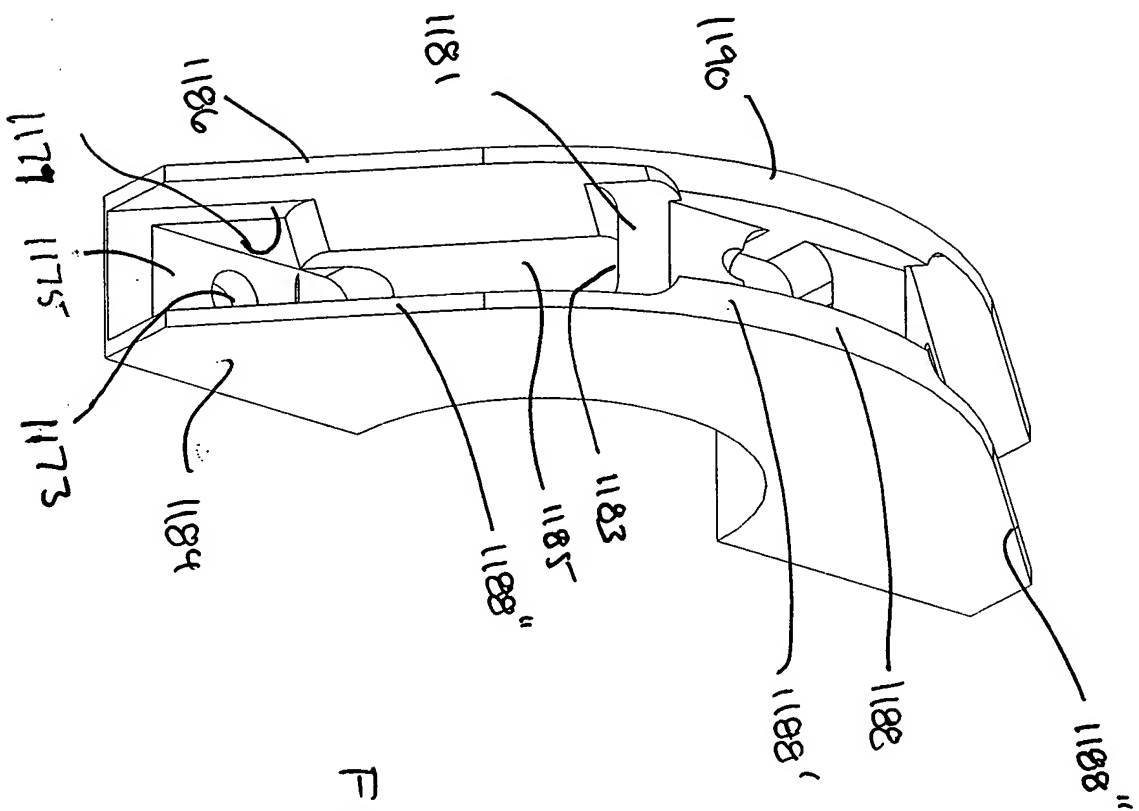


FIG. 169

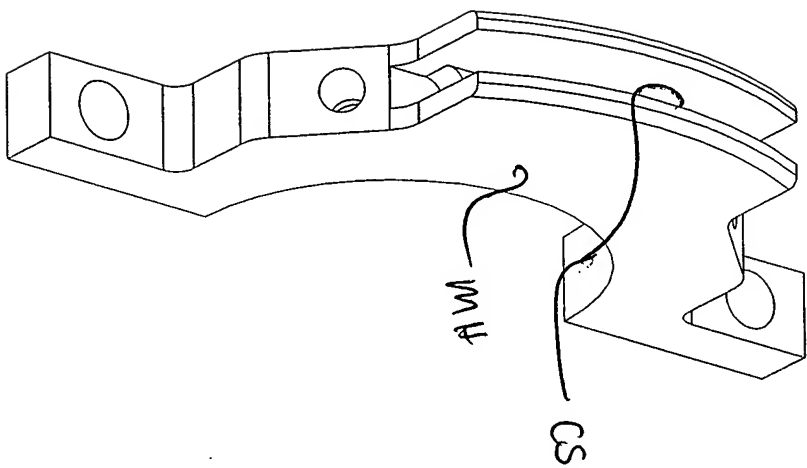


FIG. 169A

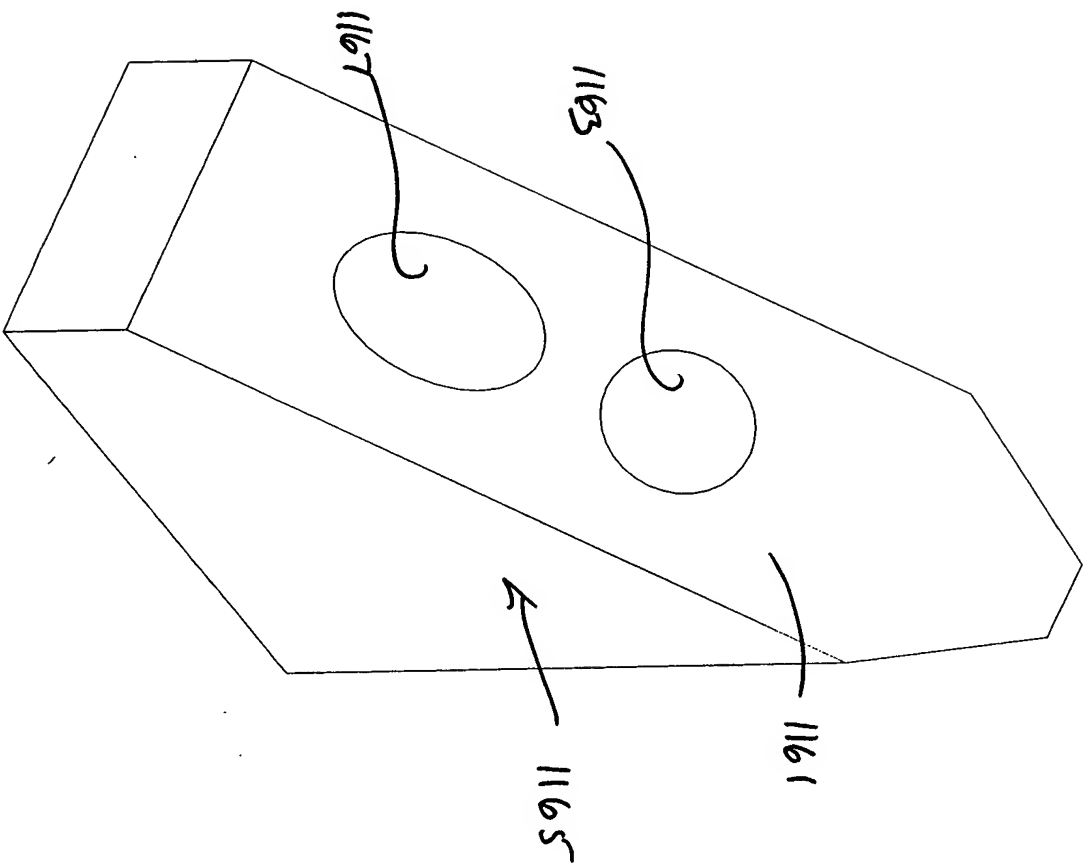


FIG. 170

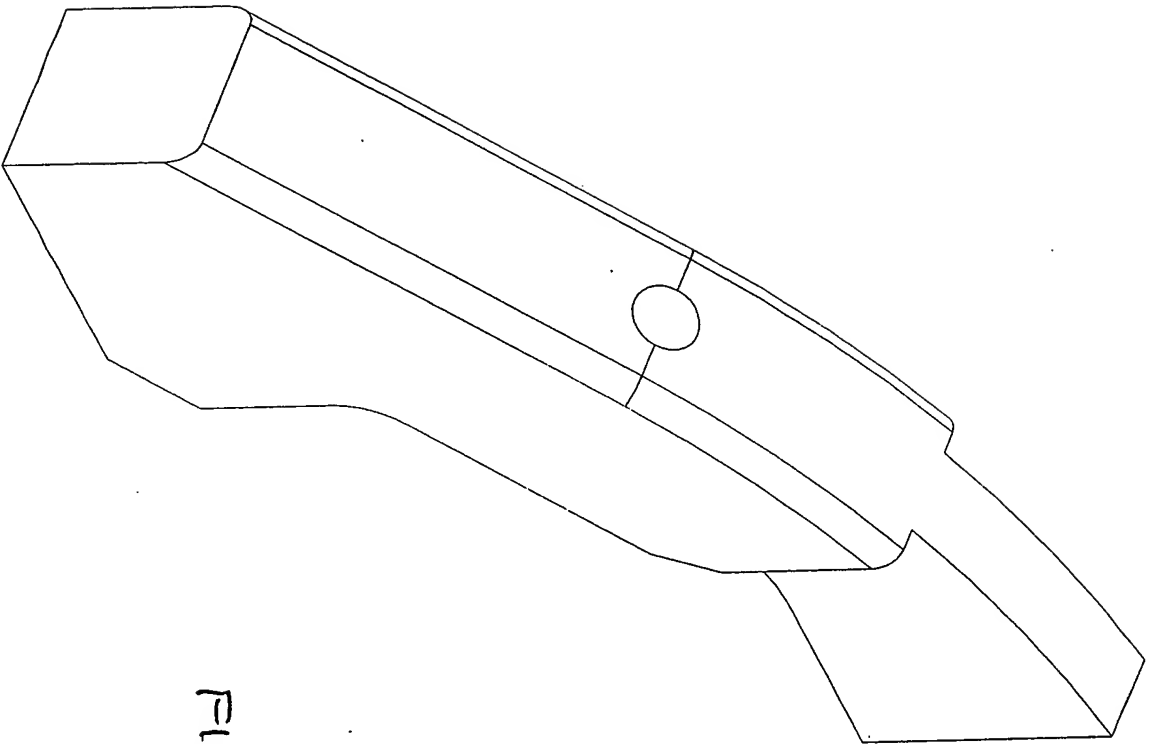


FIG. 1704

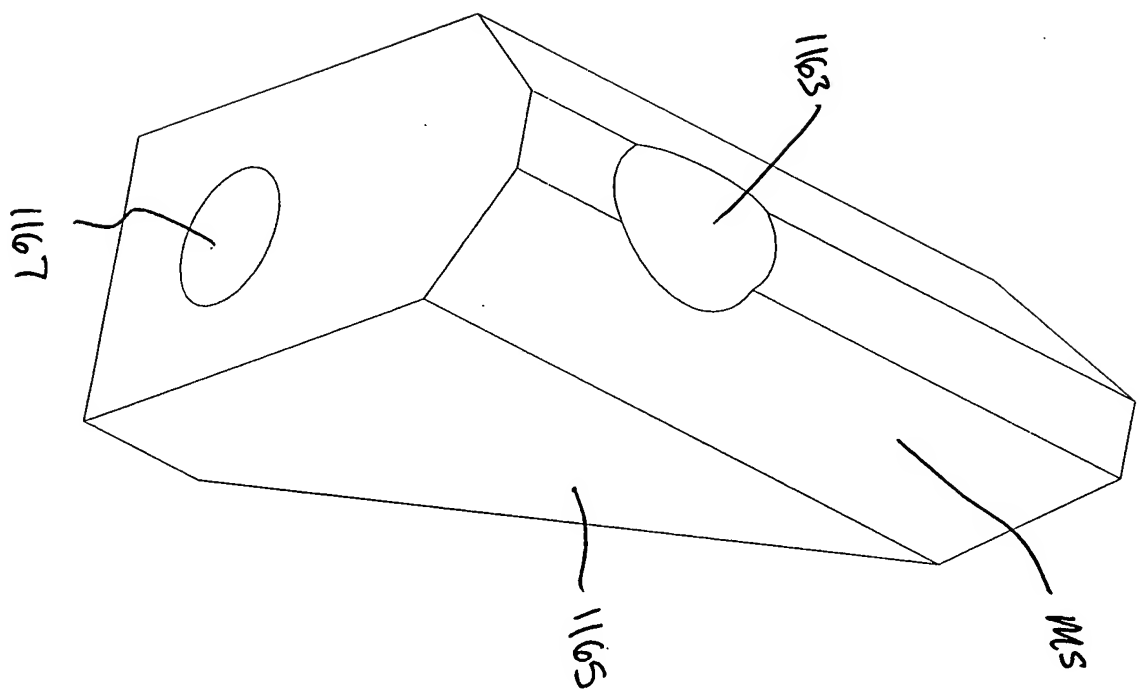


FIG. 171

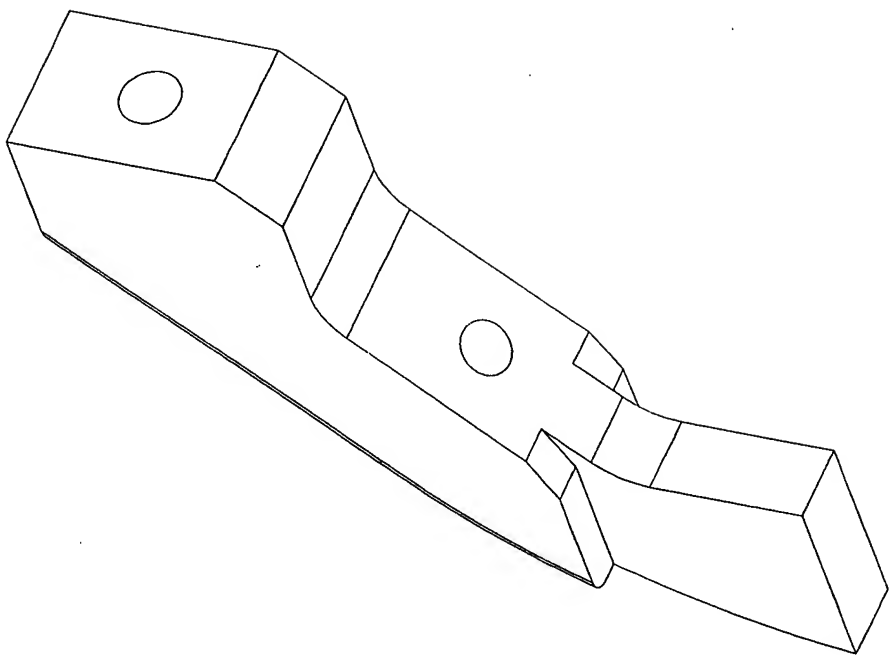


FIG. 1214

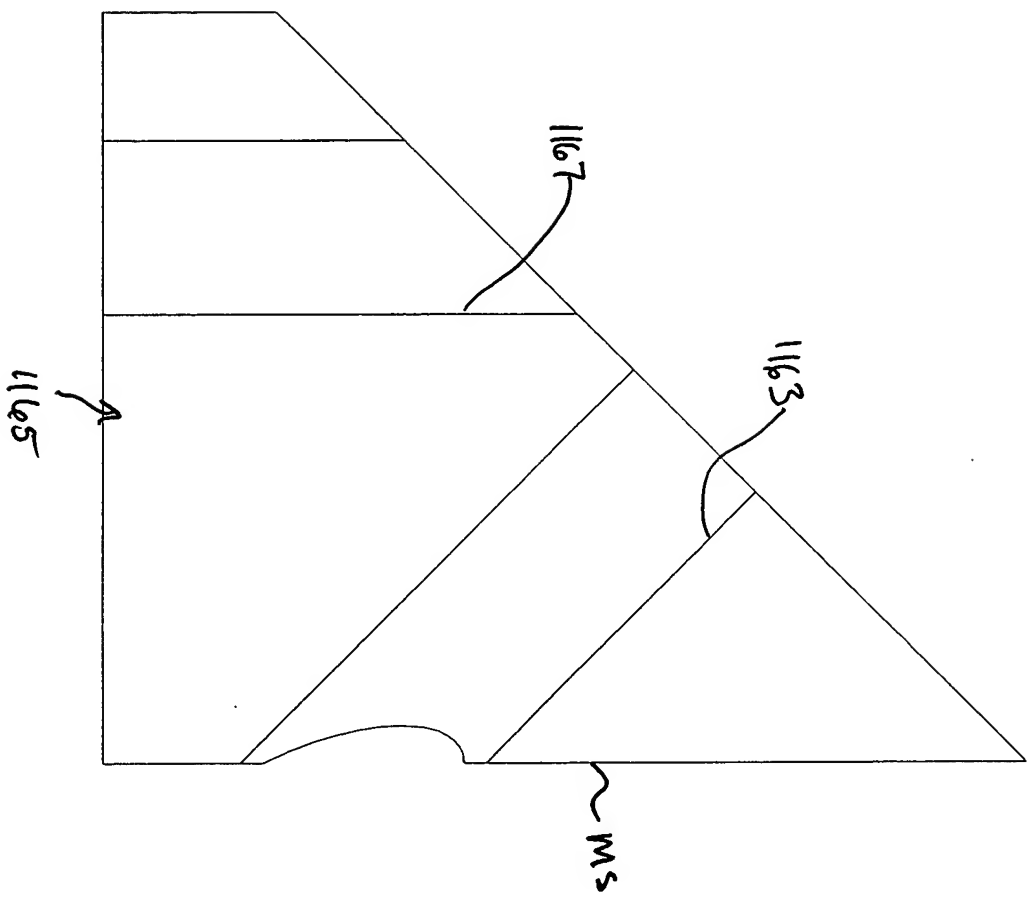


FIG. 172

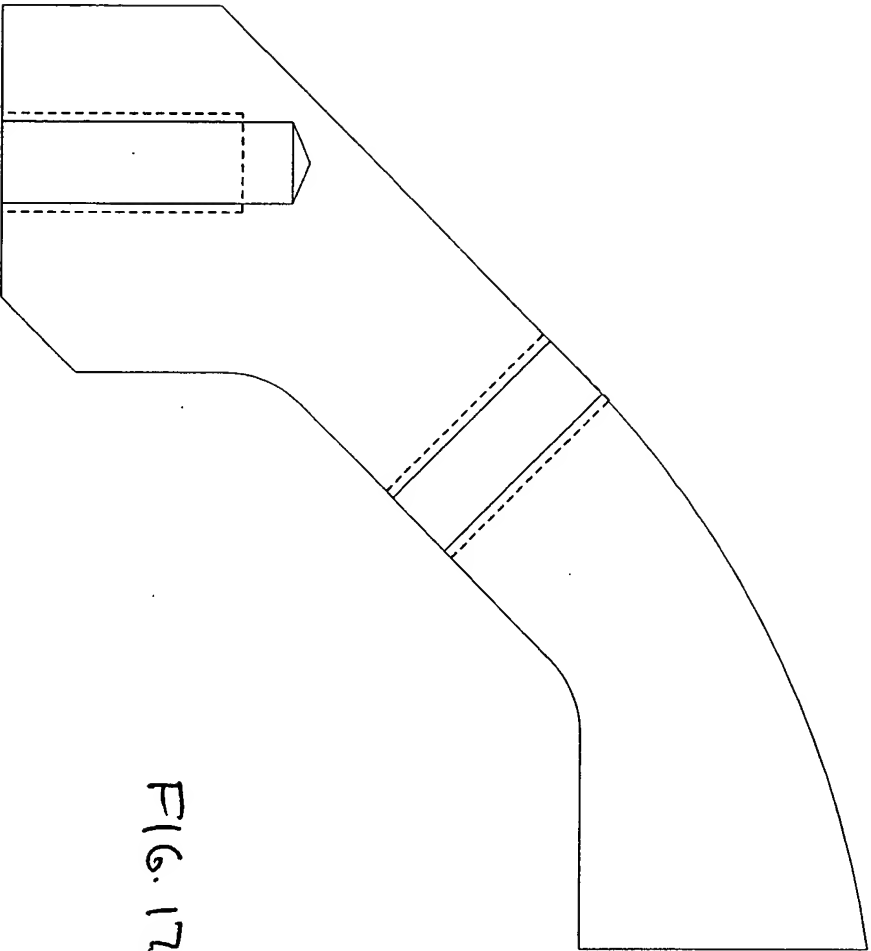
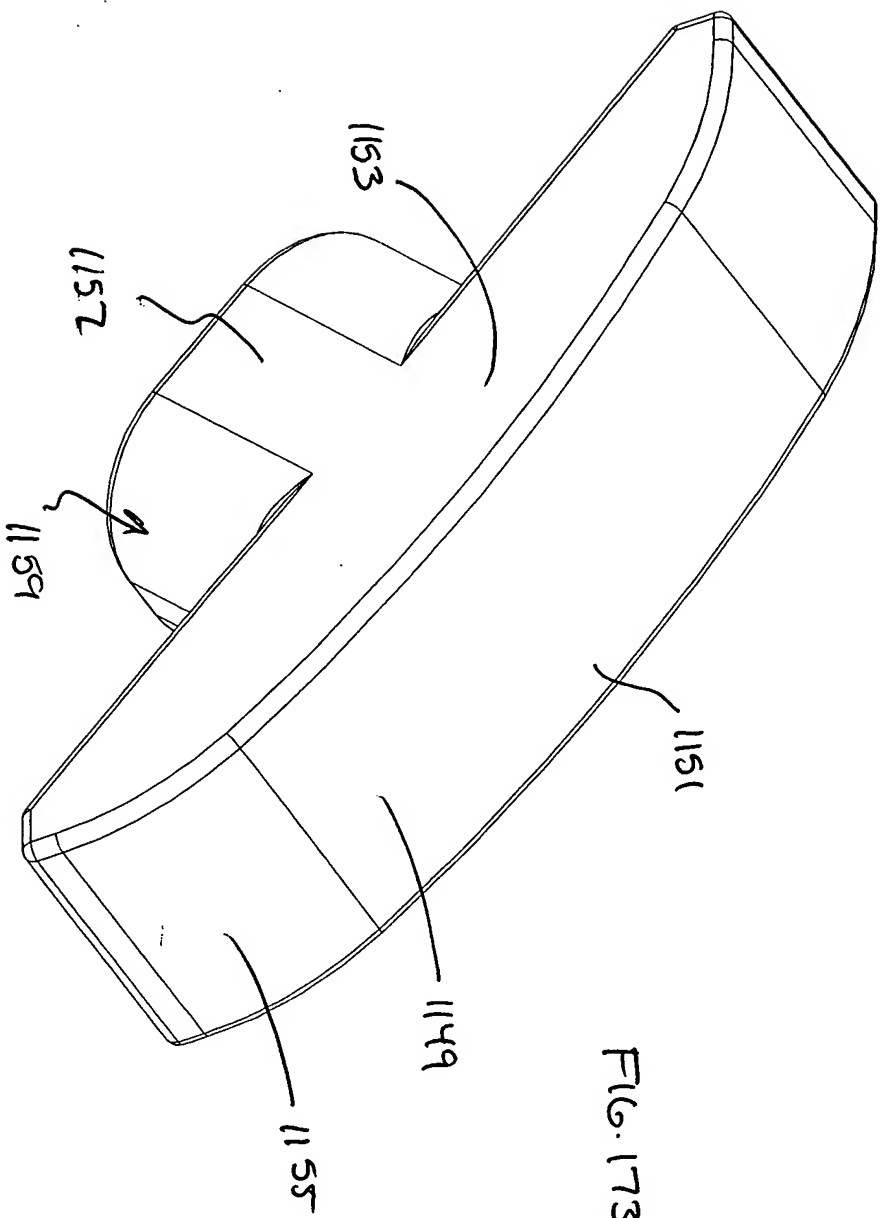


FIG. 1724



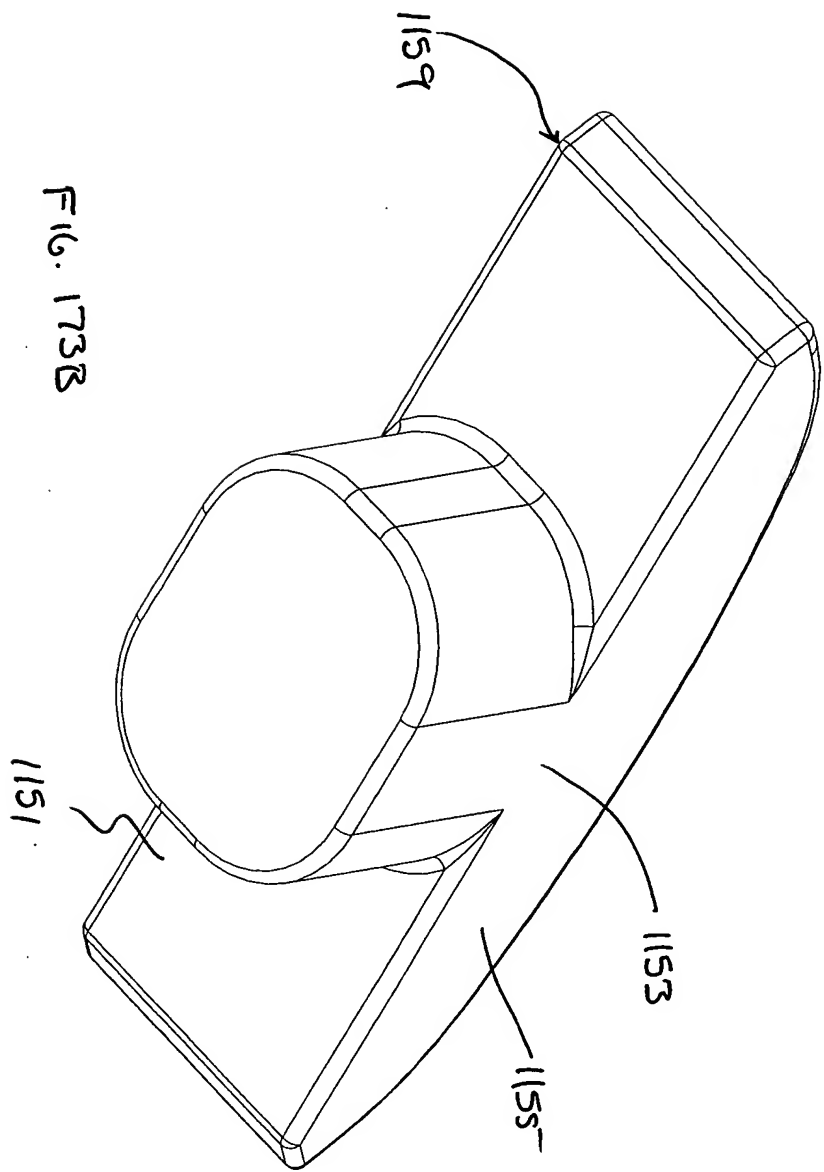


FIG. 173B

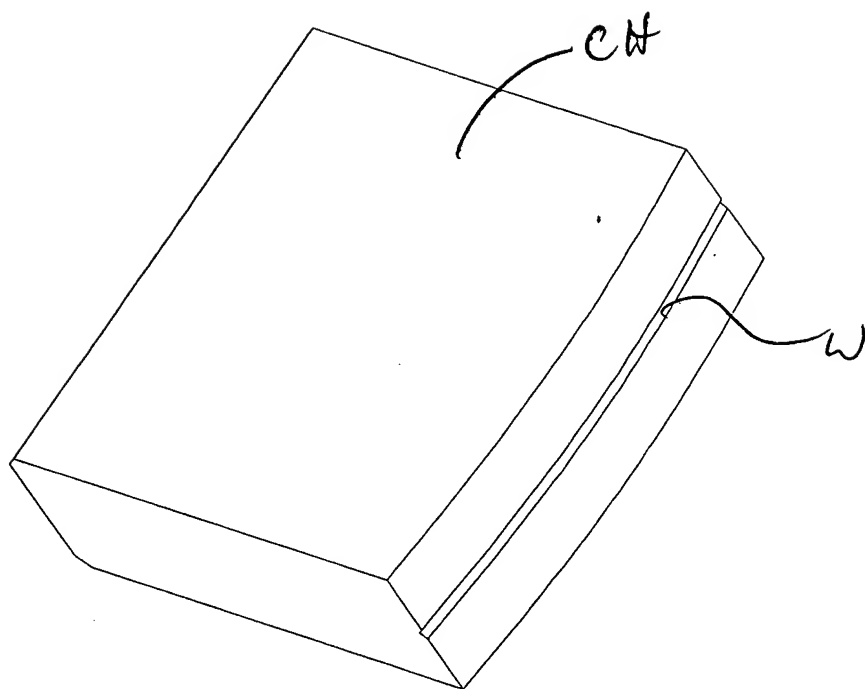


FIG. 173C

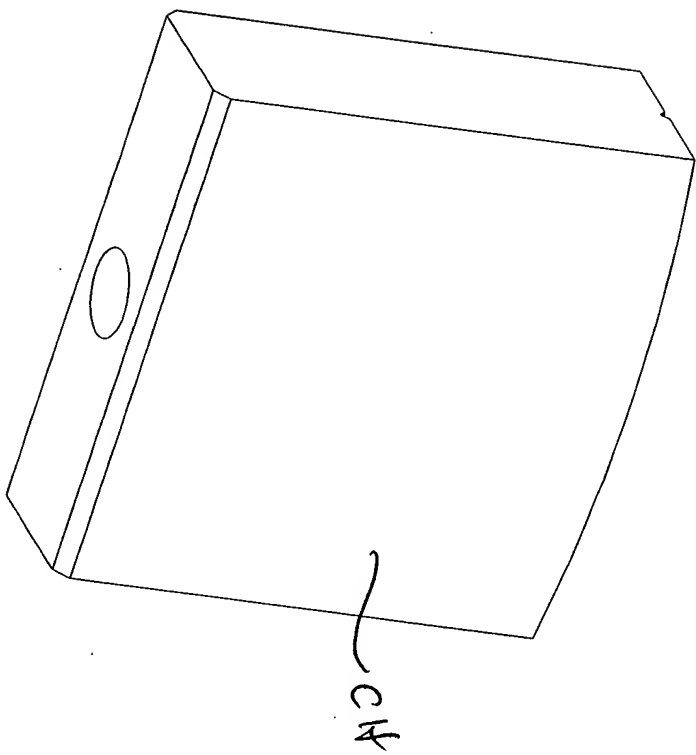
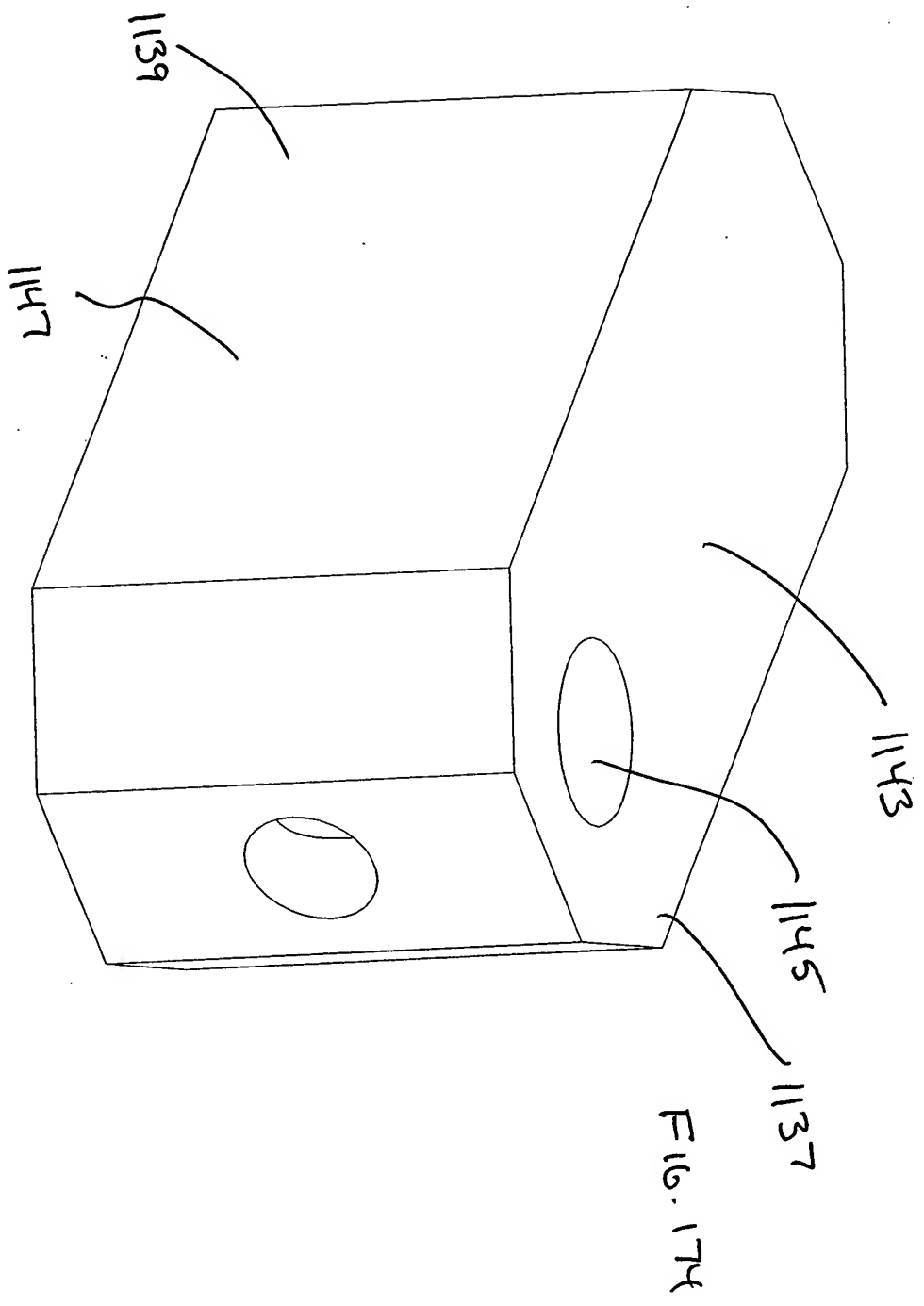


FIG. 173D



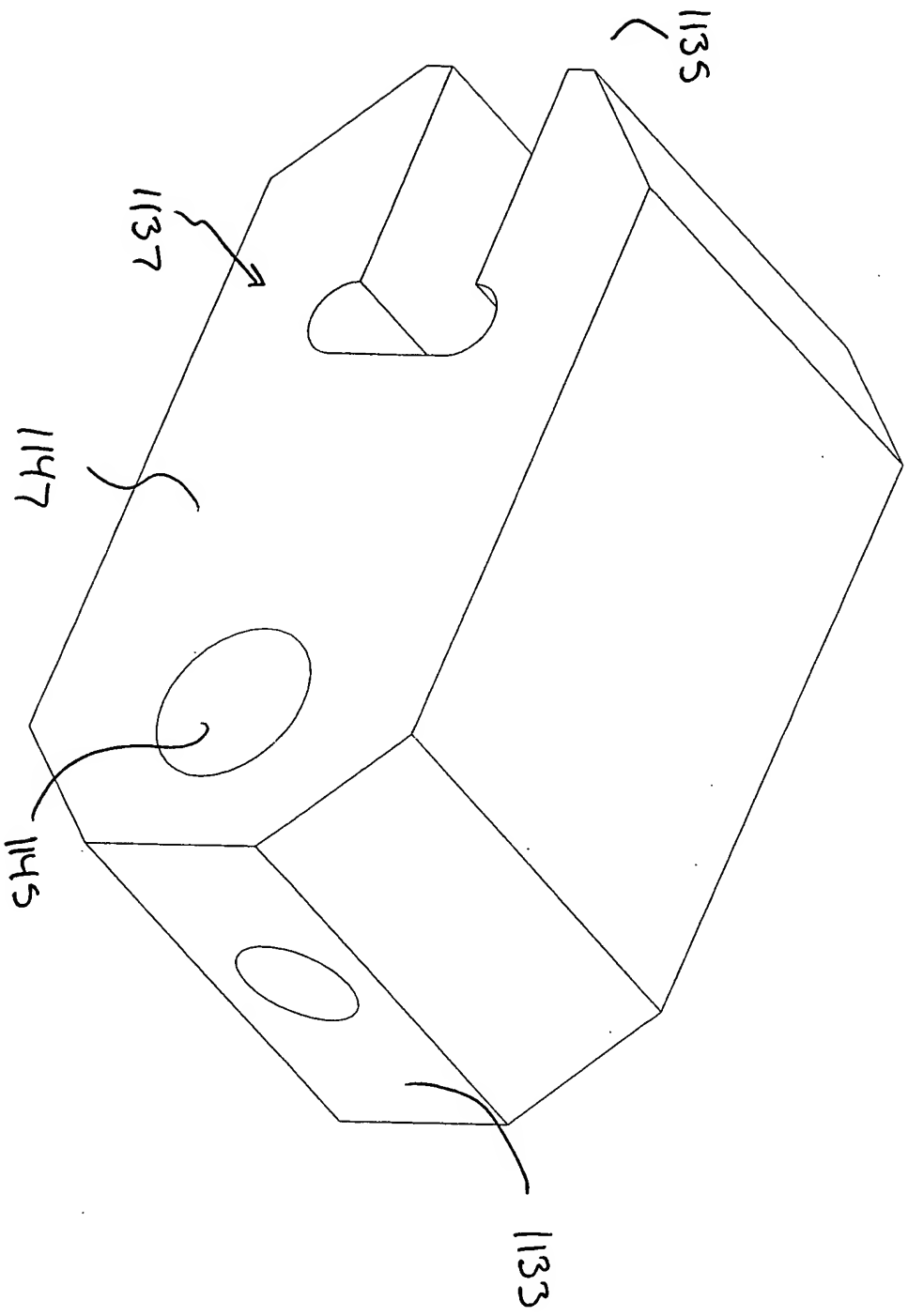


FIG. 175

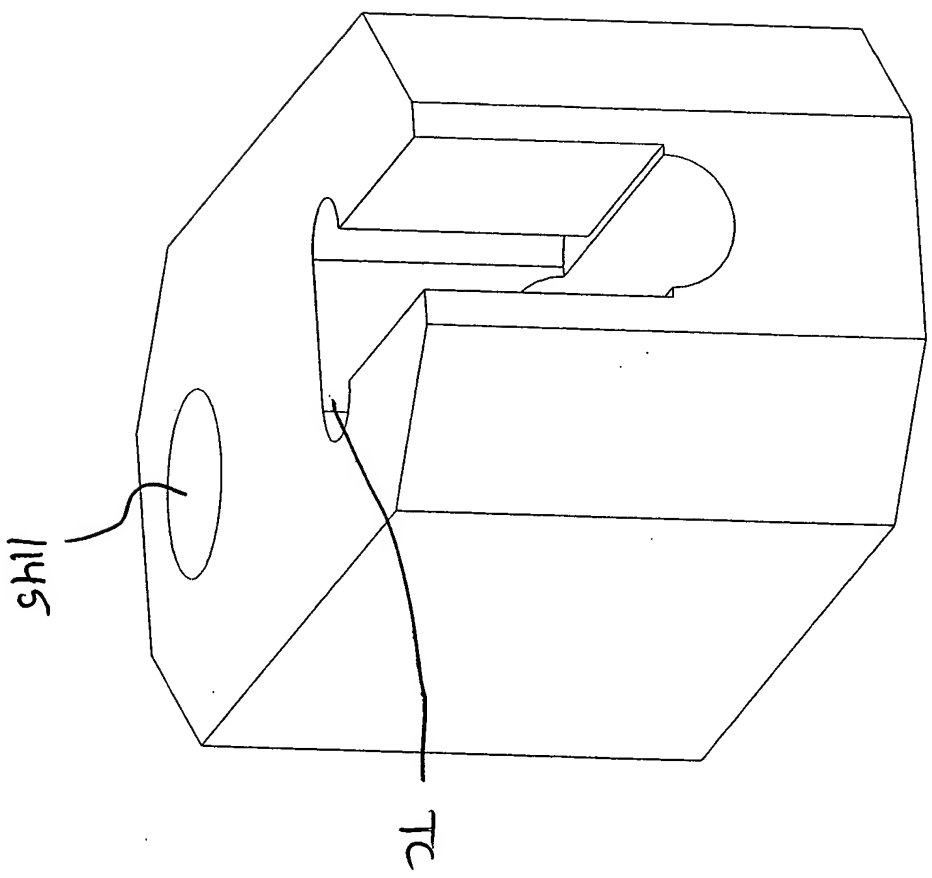


FIG. 17c

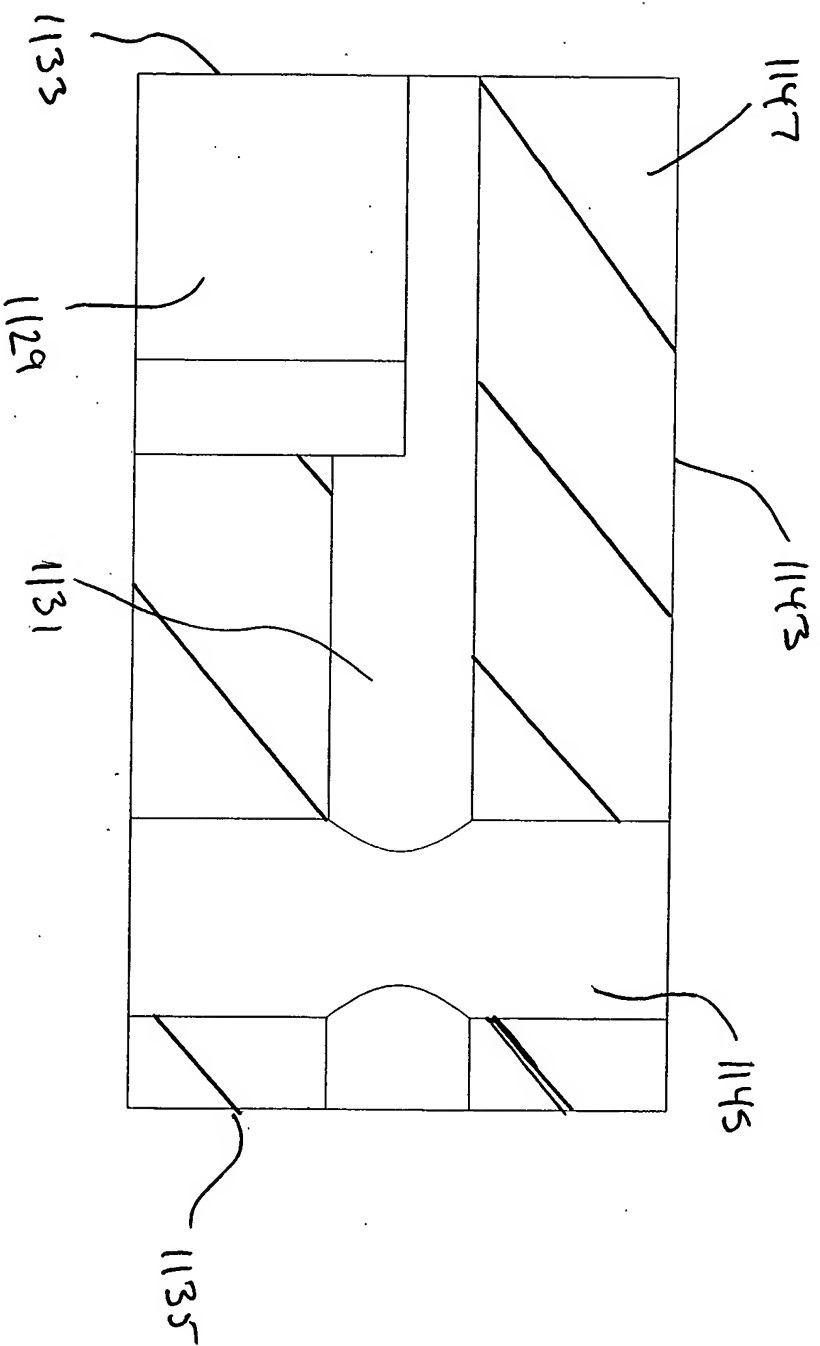


FIG. 177

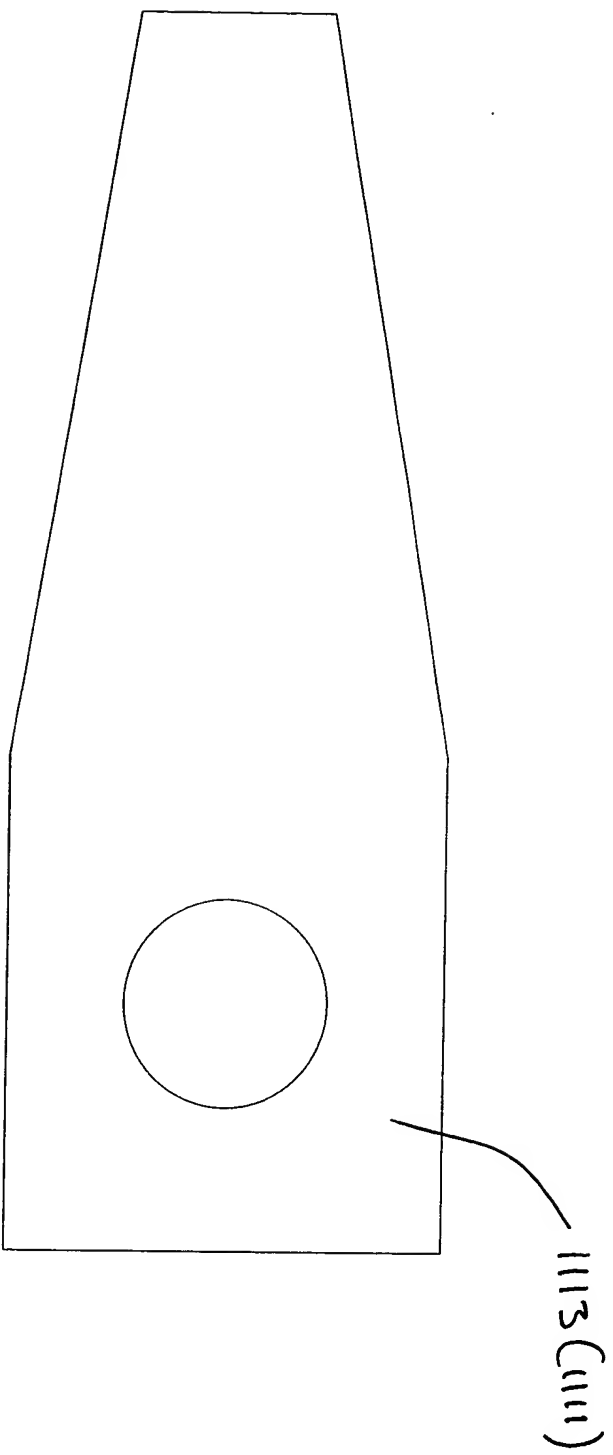


FIG. 178

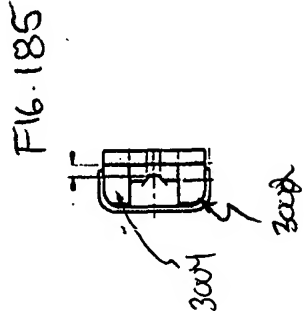
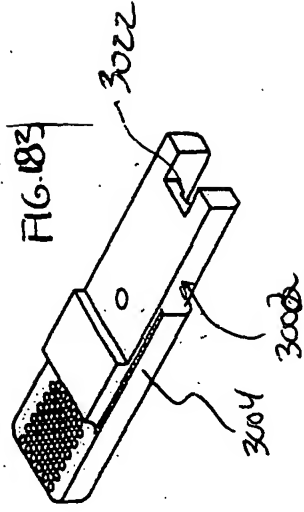
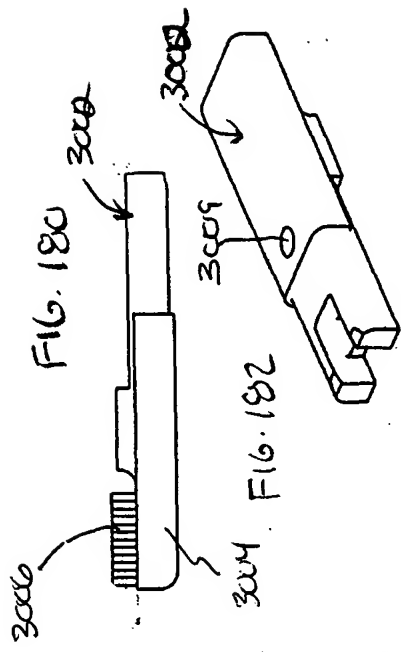
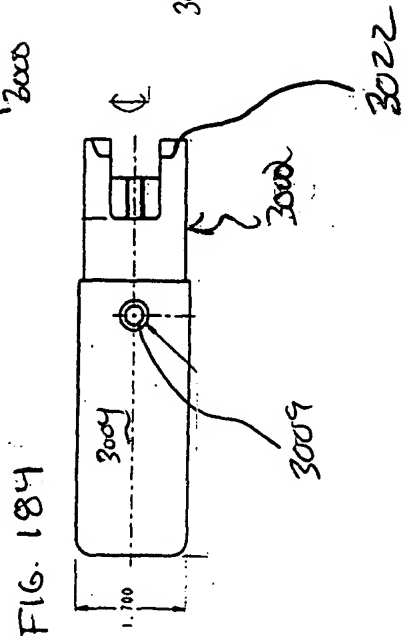
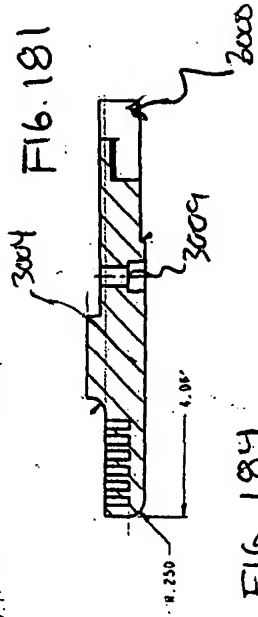
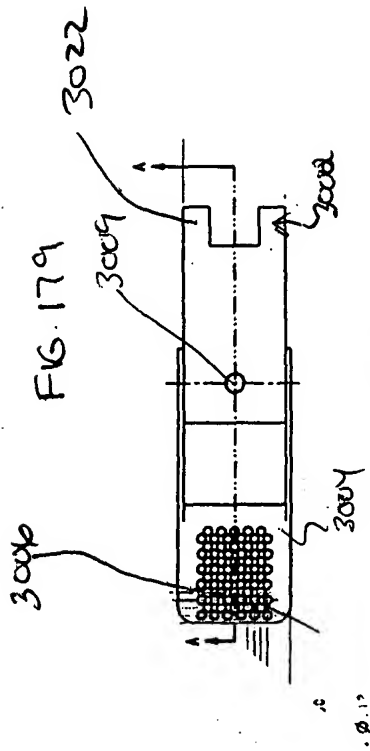


FIG. 186

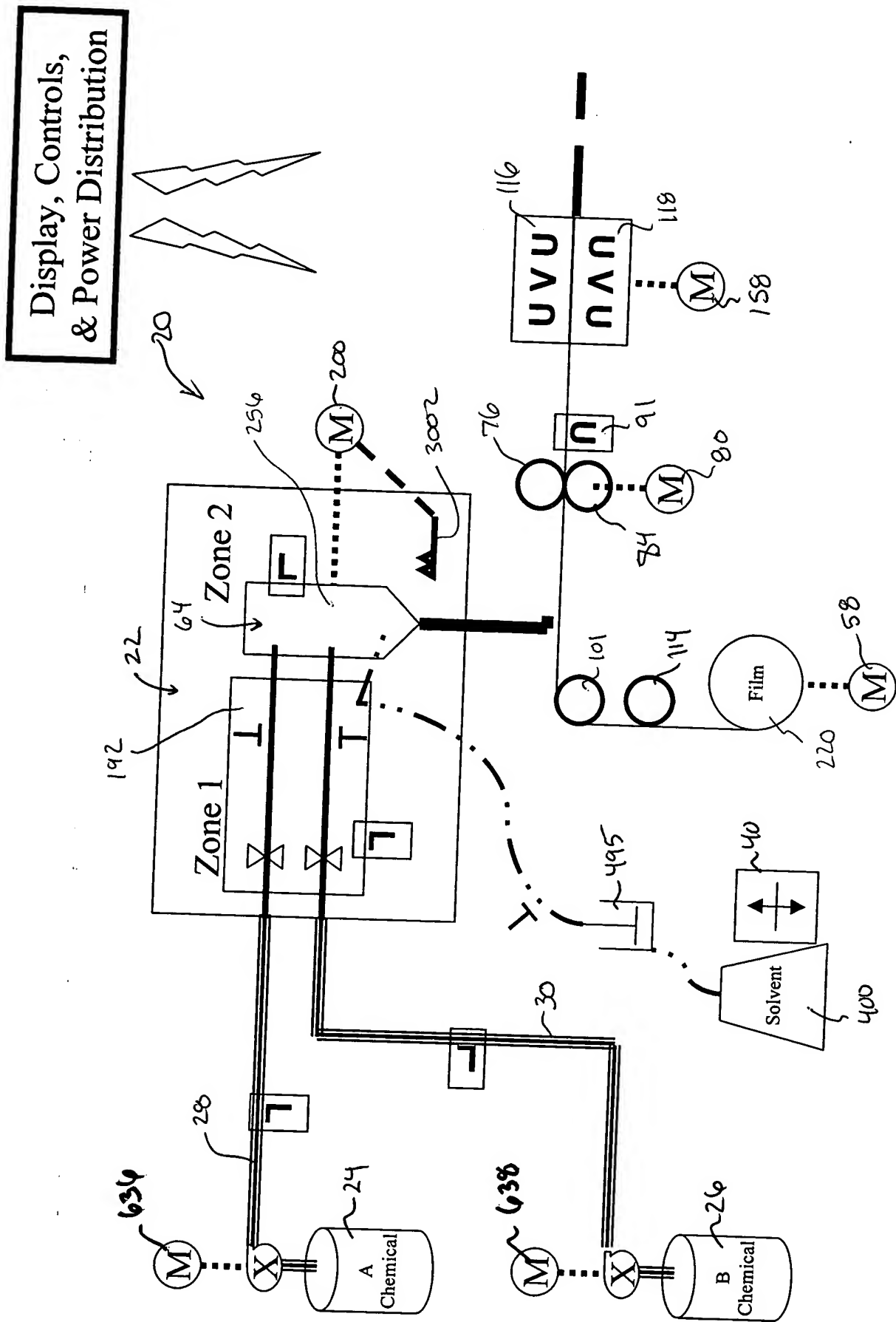






FIG. 186A

# Legend


 = Motor


 = Linkage

 = Pump

 = Pump Shaft/Hose

 = Heating element (all orientations)


 = Filter

 = Pressure Transducer (all orientations)

 = Tip Cleaning Brush


 = Solvent Pump

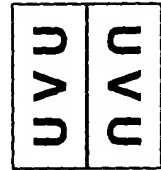
 = Level Sensor

 = Mixing Module +

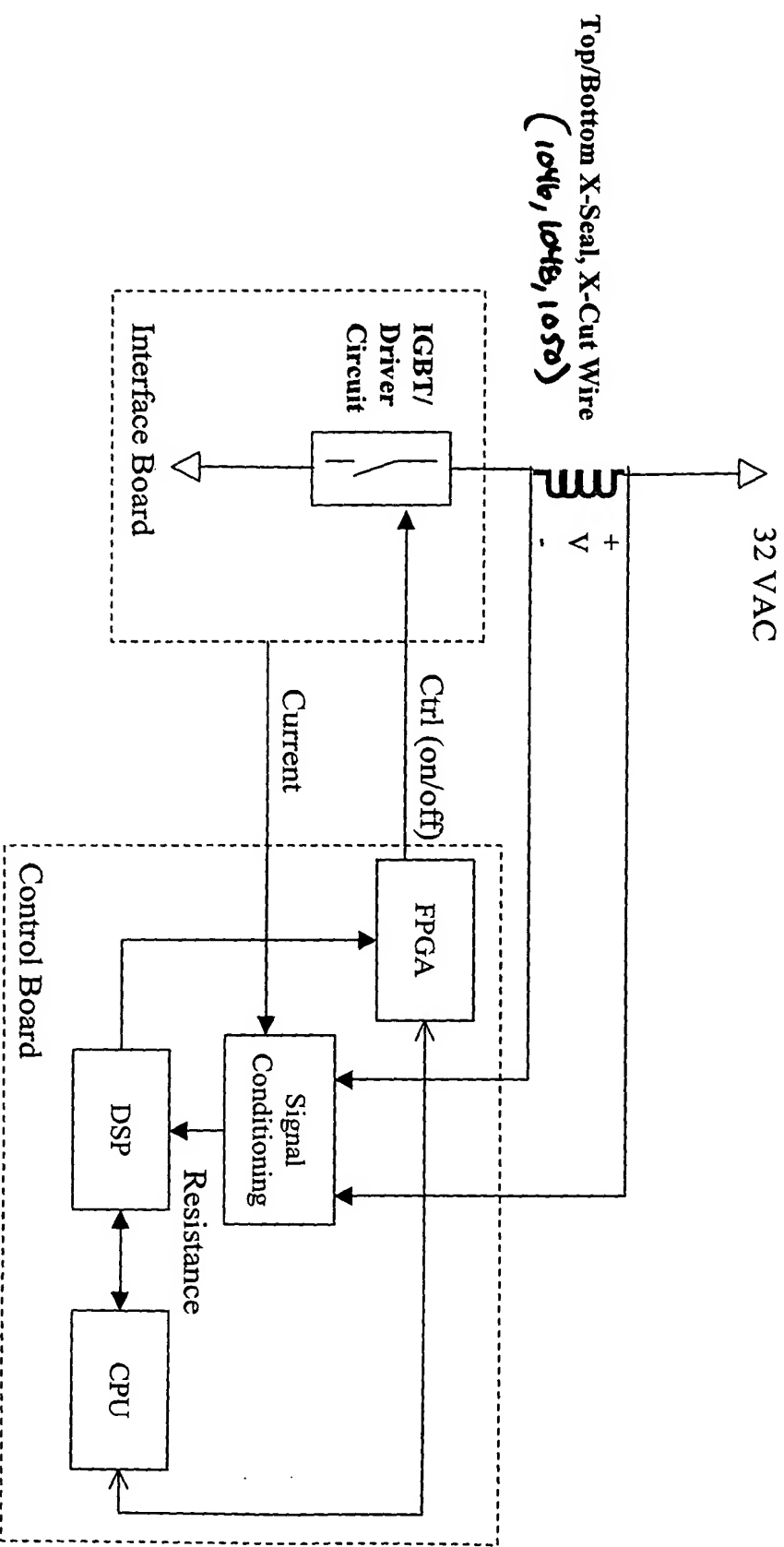
 = Idle Roller

 = Nip Rollers

 = Edge Seal Wire

 = Jaw Assembly  
(X-seal, X-cut,  
X-seal)

# Top/Bottom X-Seal, X-cut



# Edge Seal

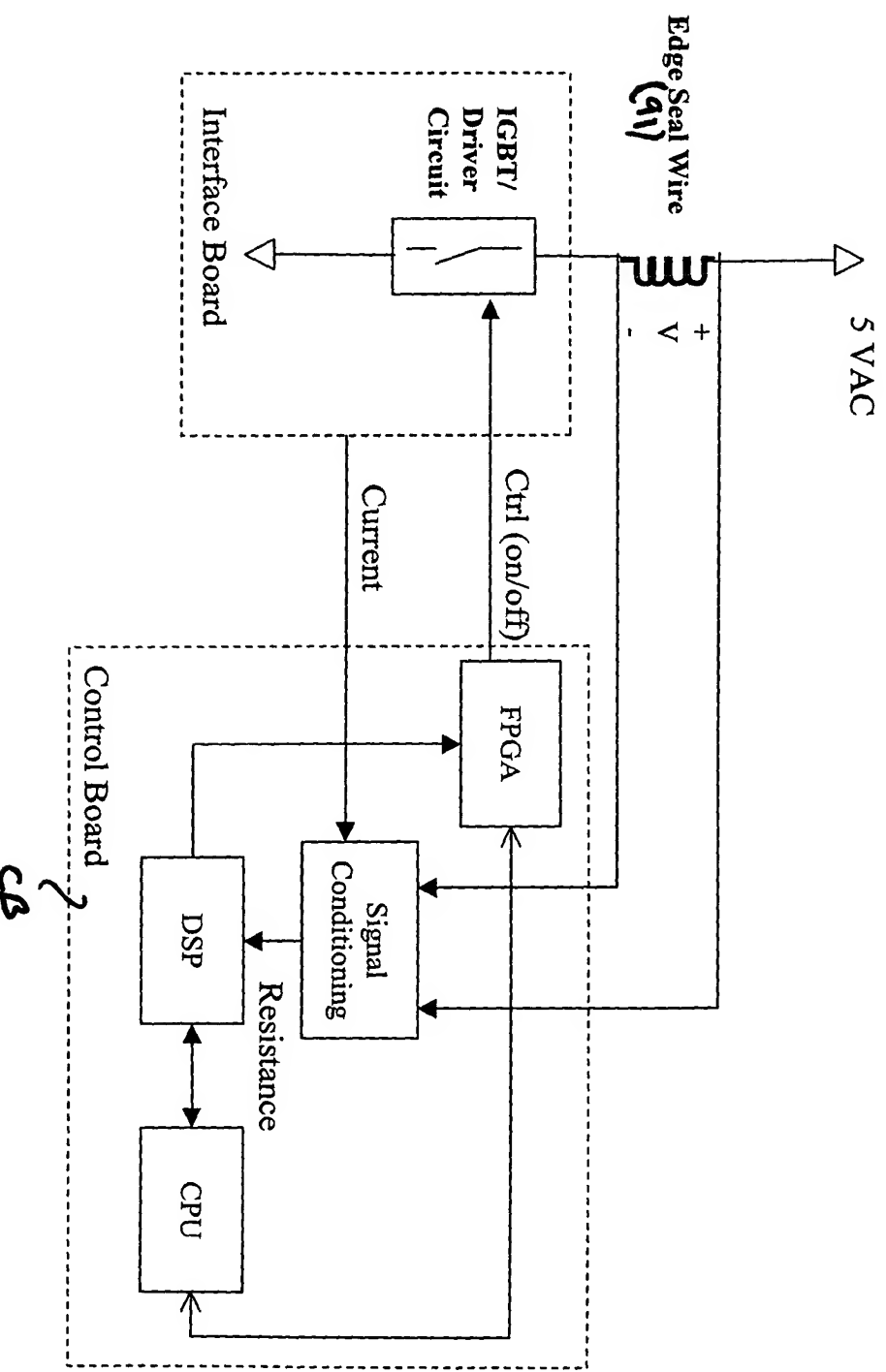


FIG. 188

# Moving Jaw

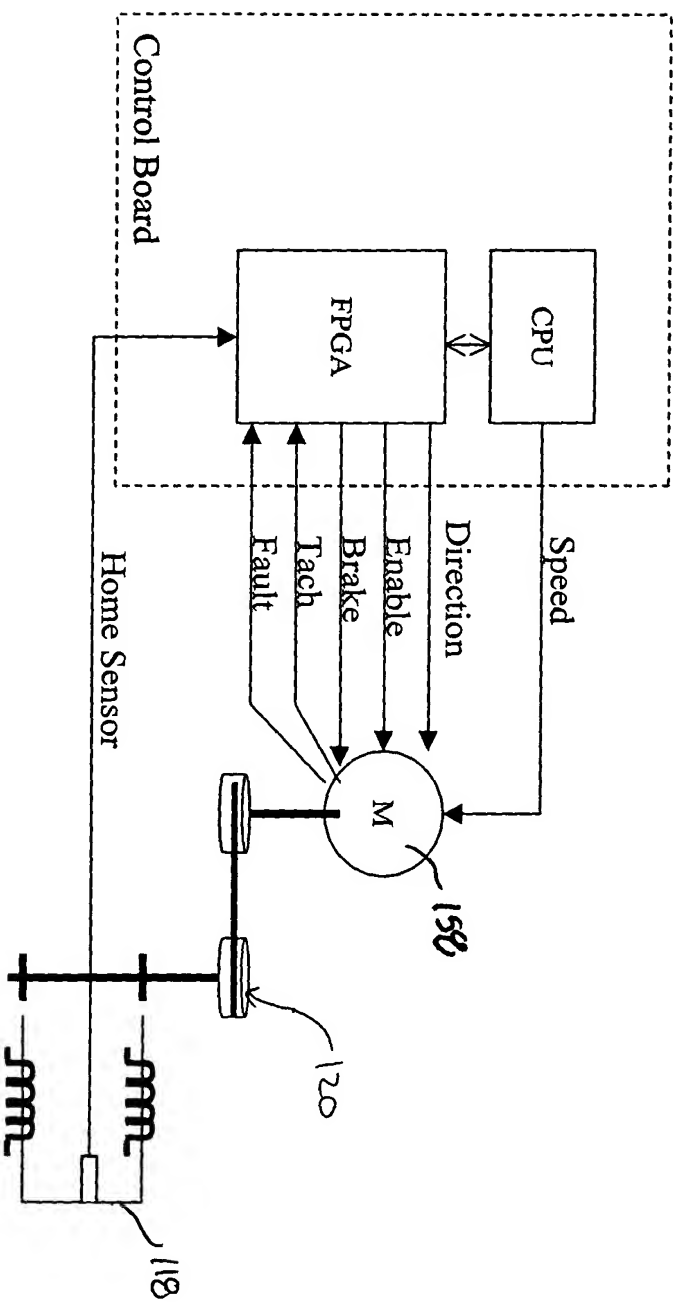
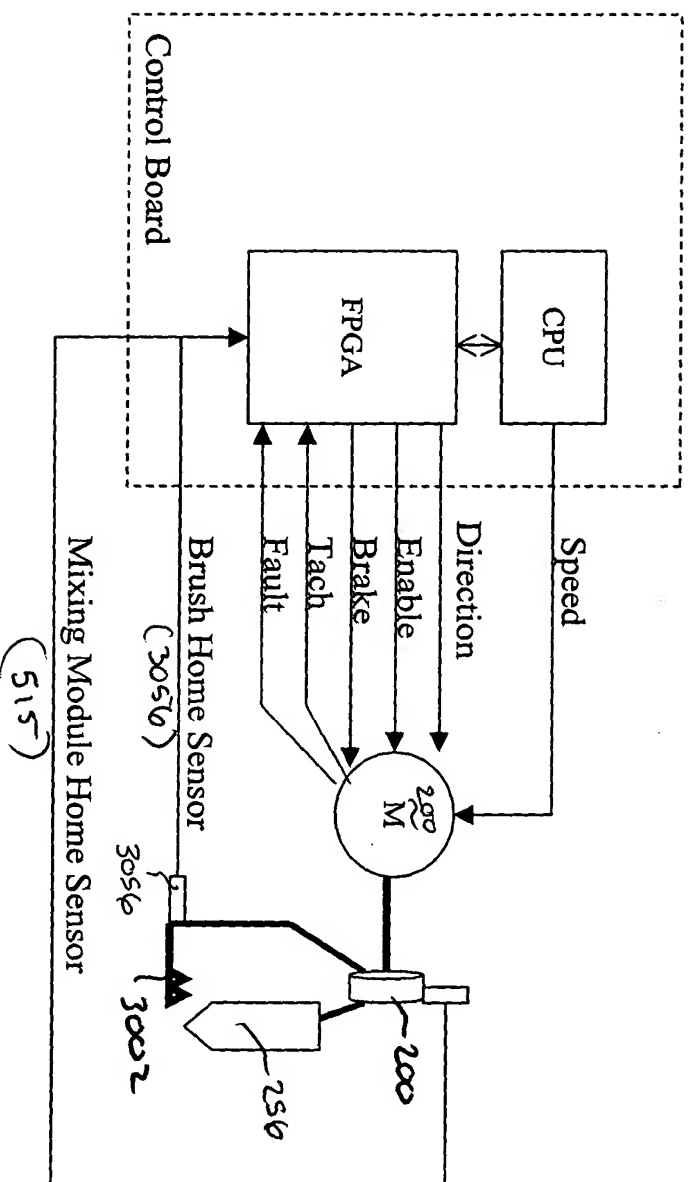


FIG. 189

# Chemical Dispensing/Tip Cleaning



# Film Advance/Tracking

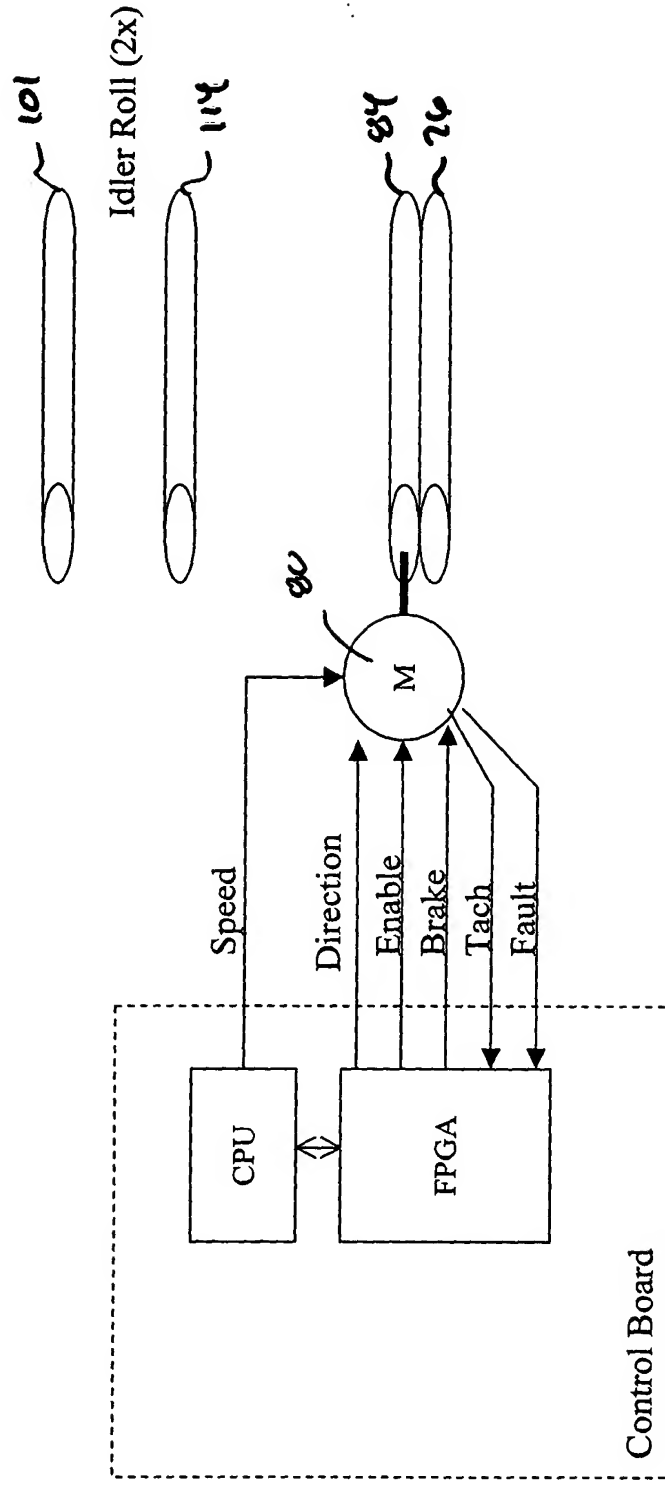


FIG. 191

# Film Tension

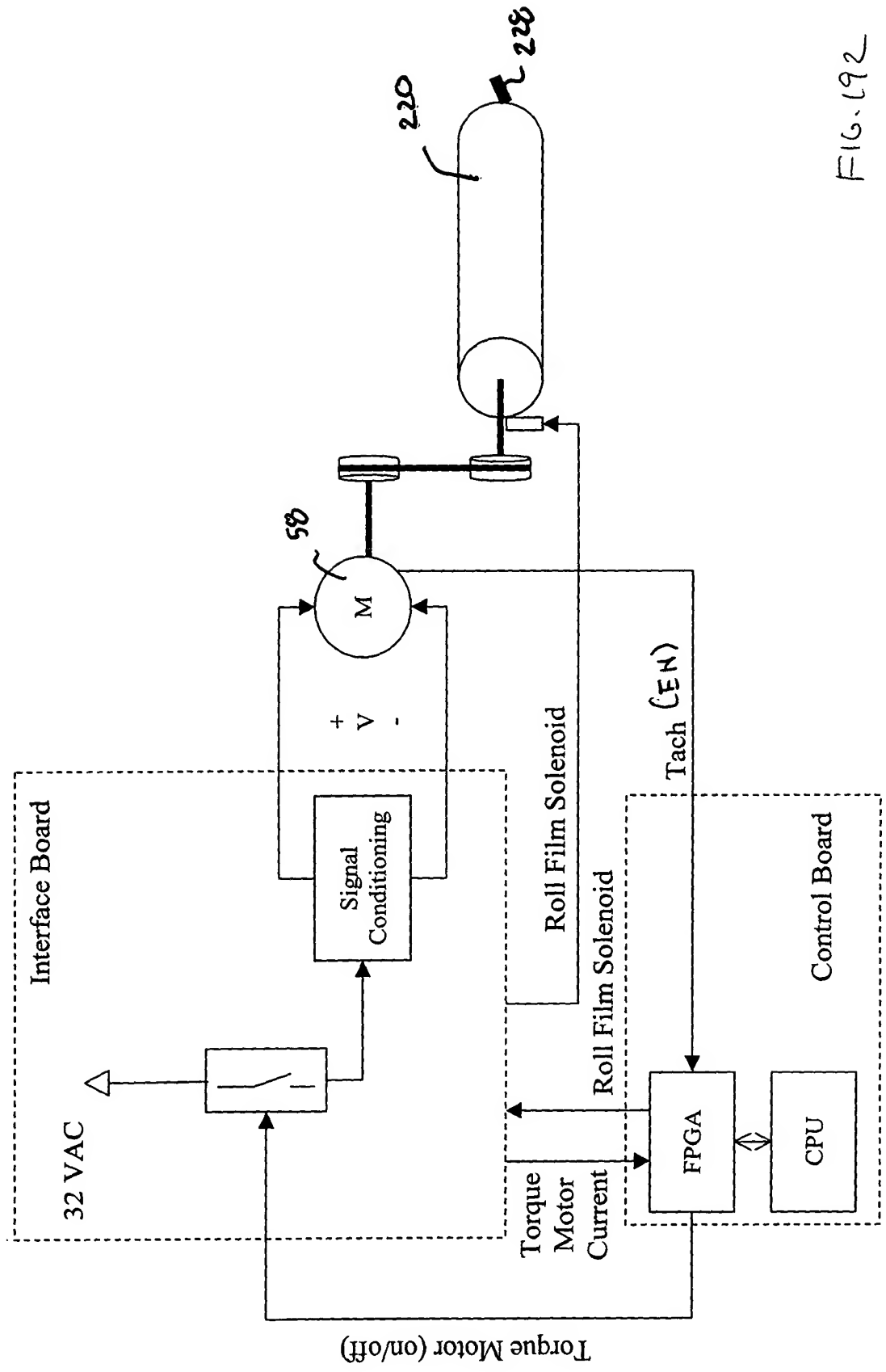
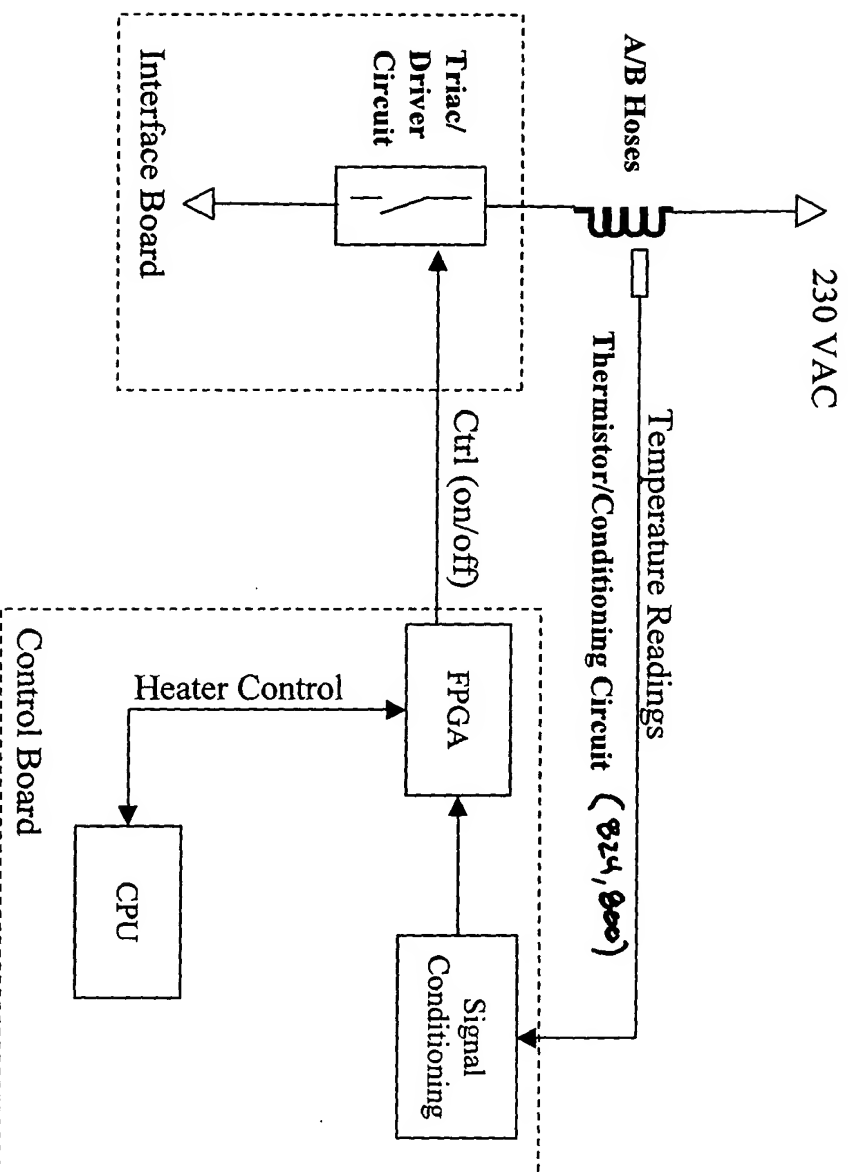


FIG. 192

# Chemical Temperature Control (Hoses)



# Chemical Temperature Control (Manifold Zones)

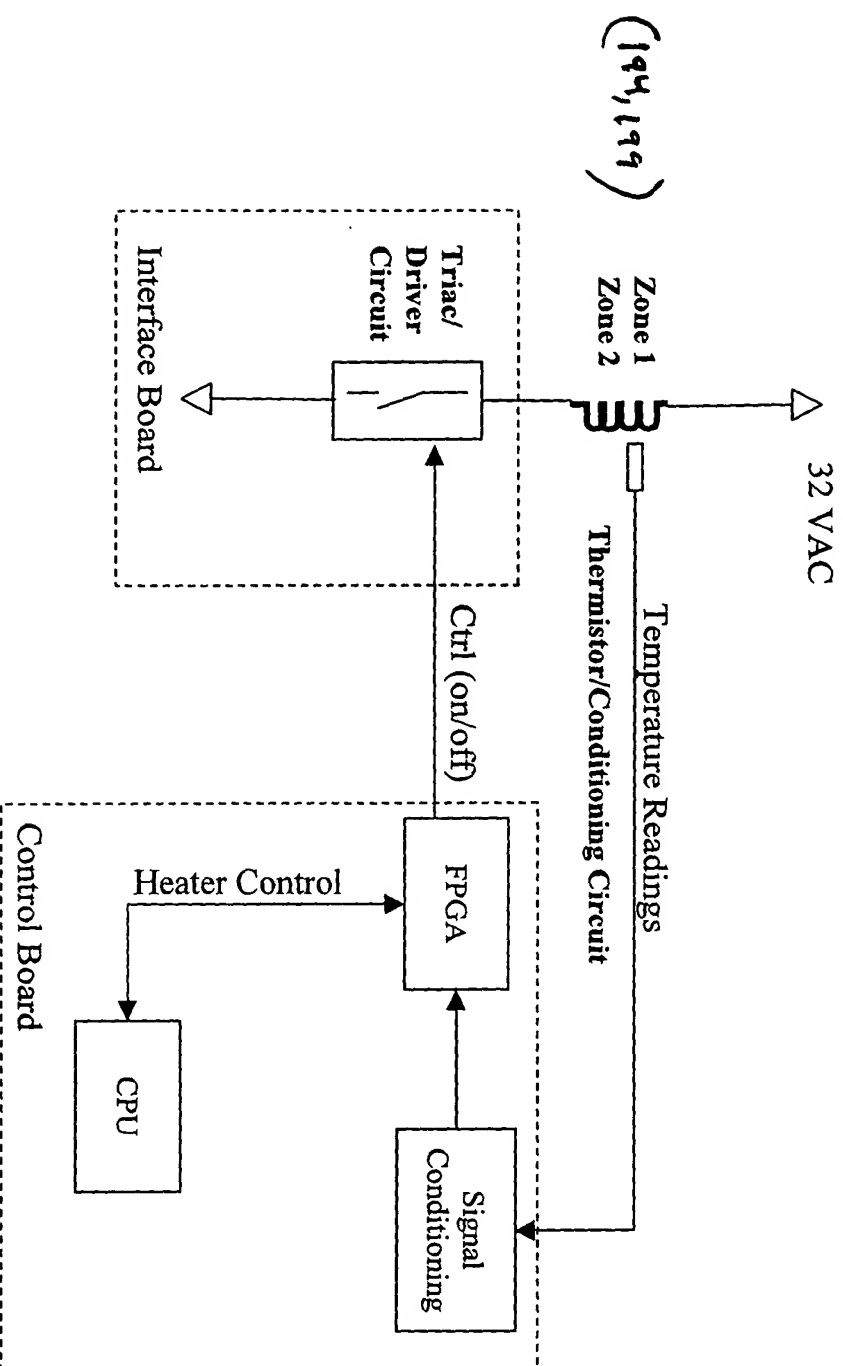


FIG. 194

# Chemical Pressure

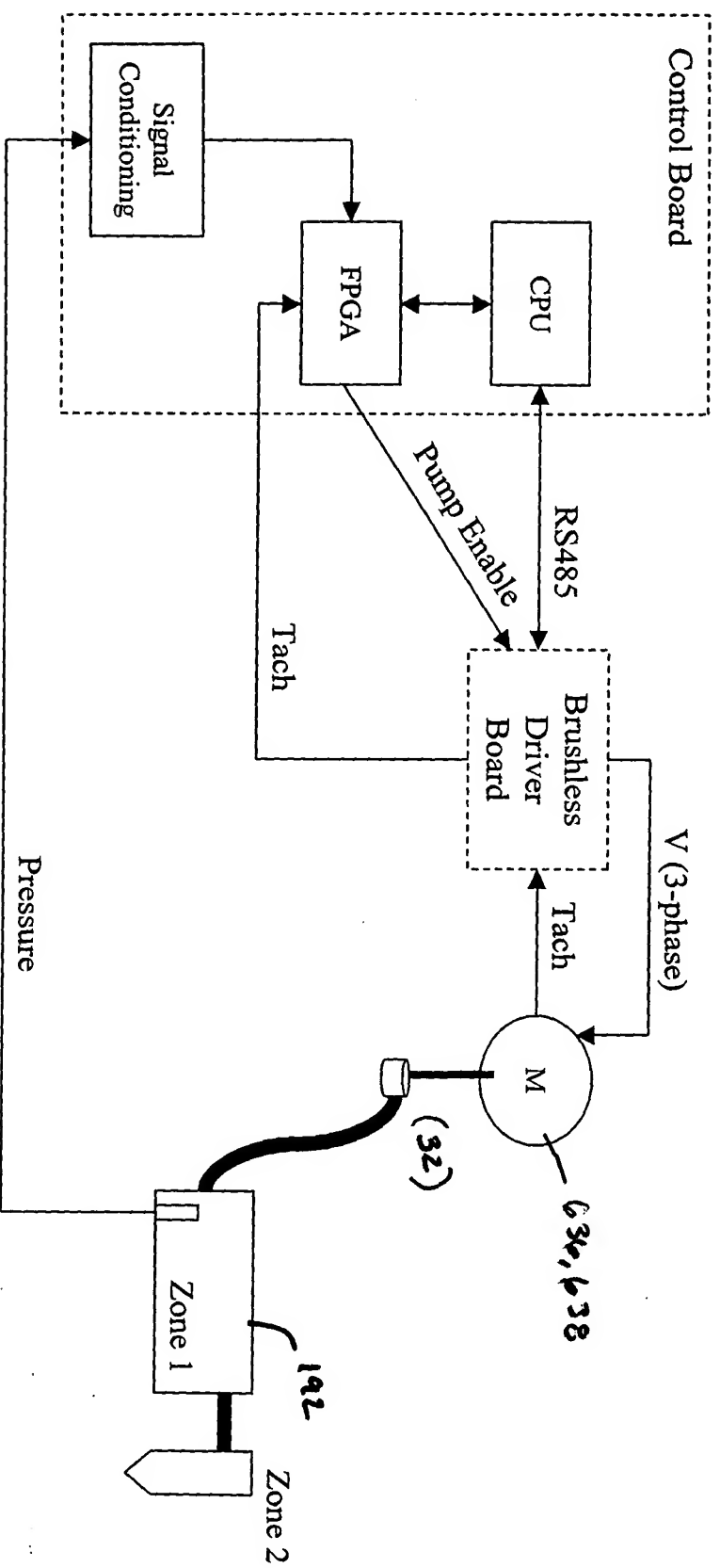


FIG. 195

# Solvent System Control

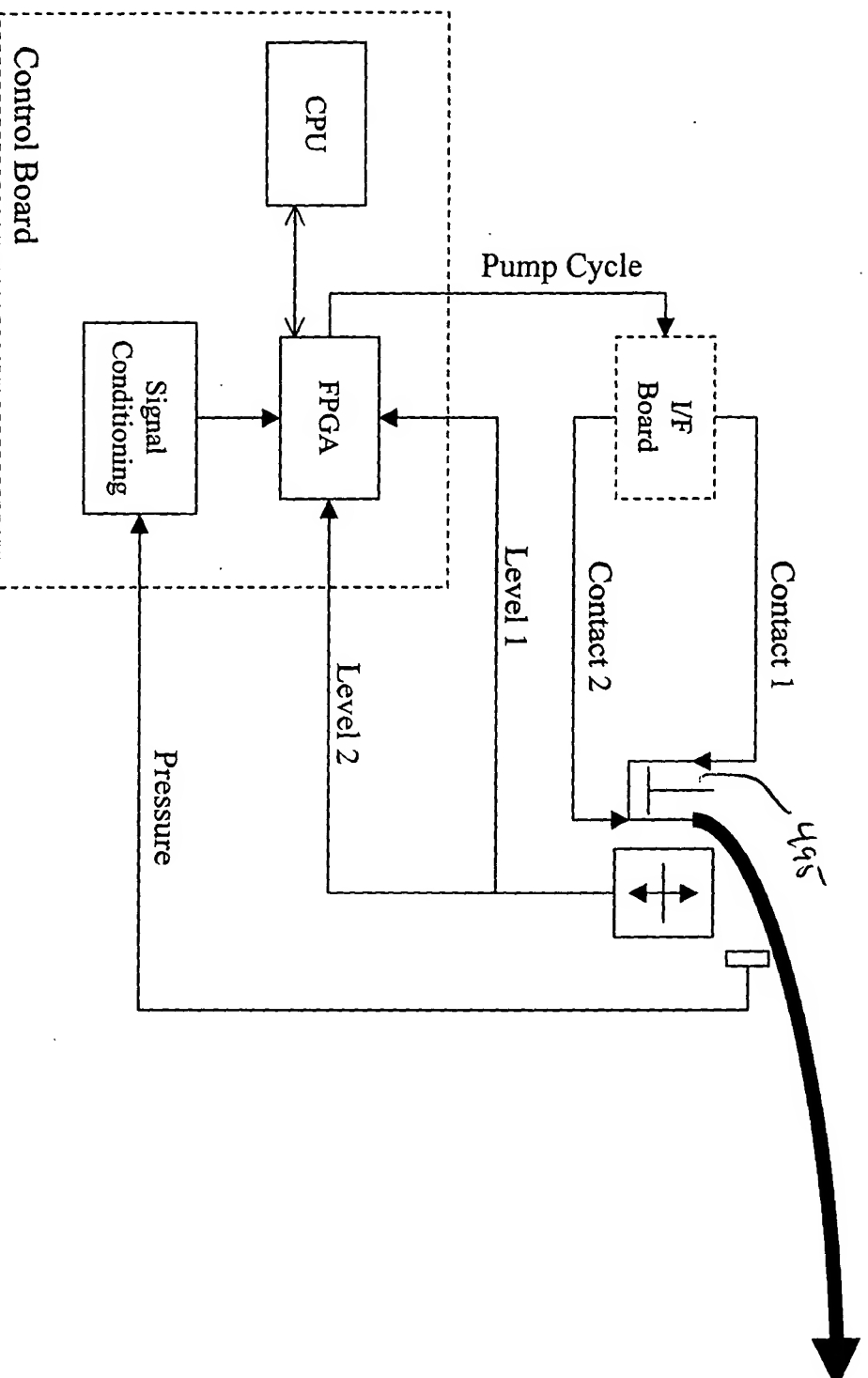
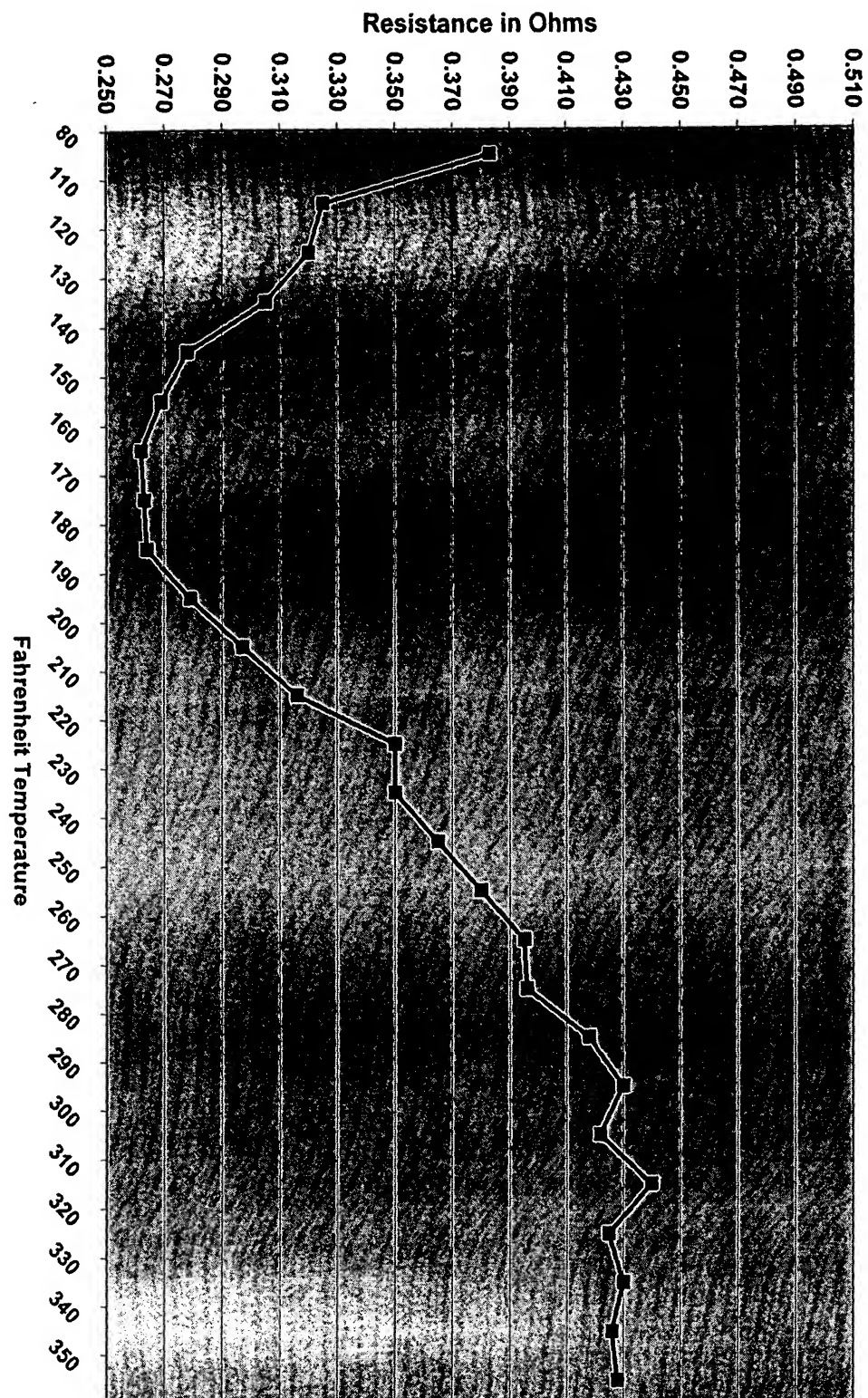


FIG. 196

FIG. 197



# Film Advance/Tension Motor Tach Ratio

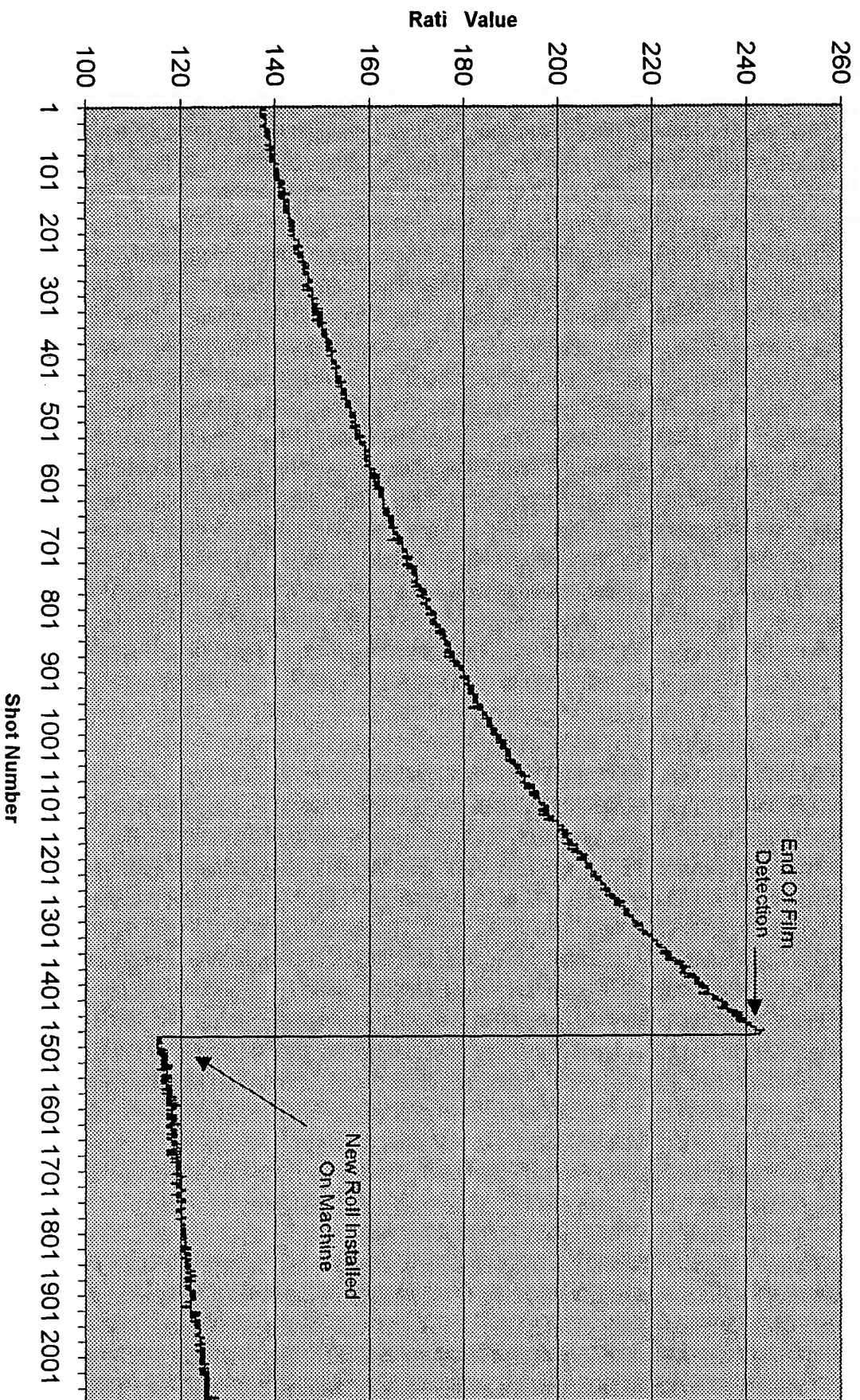


FIG. 198

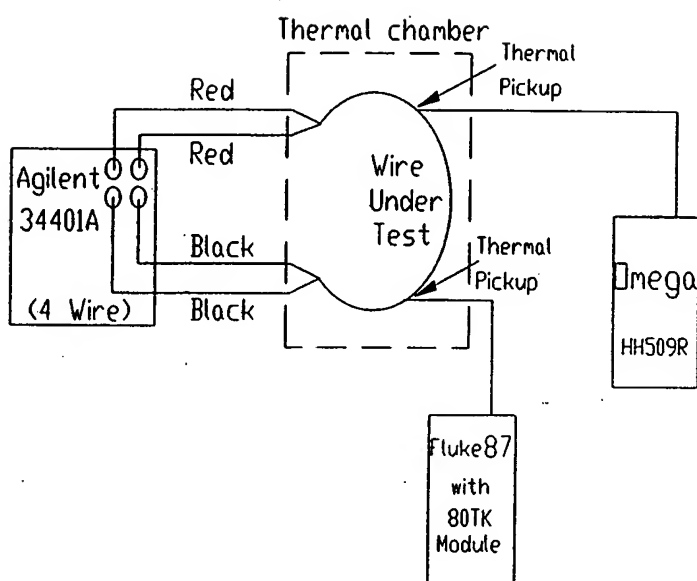


FIG. 199